

AUTHOR INDEX

(Names appearing in capital letters indicate authors of chapters in this volume.)

A

- Aall, C., 60, 61
 Aasenden, R., 430
 Abdel-Latif, A. A., 101
 Abei, T., 452
 Abeles, R. H., 302
 Ablitt, L., 408
 Abraham, A. A., 195
 Abraham, S., 70, 73, 77, 199, 342
 Abraham, S. K., 199
 Abramovitz, A., 292-94, 302
 Abrams, G. D., 260-62
 Abrams, M. E., 109
 Abramson, E., 445
 Abrego, V. A., 34
 Absar, N., 363
 Abu-Serewa, S., 362
 Acara, M., 106
 Adachi, F., 443
 Adachi, K., 465
 Adamo, S., 355, 358
 Adams, C. F., 364, 366
 Adams, E., 298
 Adams, P. W., 226
 Addison, R., 283, 286, 290-92
 Addison, W. L. T., 84, 88
 Adelman, R. C., 261
 Ademe, R. M., 417
 Adiga, P. R., 289, 290
 Adkins, B. L., 429-31
 Adler, P., 429
 Adlersberg, D., 106, 112
 Adolfsson, S., 334
 Adolph, E. F., 241
 Advani, M., 363
 Aeppli, R., 288
 Agarwal, K. N., 152
 Aghemo, P., 323
 Agresti, A., 409
 Aguirre, G. D., 414
 Agular, C. G., 363
 Agus, H. M., 429-31
 Ahlberg, G., 330, 337
 Ahlswede, L., 352
 Ahmad, K., 363
 Ainamo, A., 457, 462
 Ainamo, J., 457, 462
 Ainsworth, S. K., 458
 Akalovsky, I., 355, 358
 Aker, T., 246
 Åkerblom, H. K., 444, 446
 Akers, H. A., 33, 34
 Åkesson, B., 101, 103, 105, 213
 Aktan, N., 357
 Akuta, S., 357
 Albert, R. E., 226
 Alberti, K. G. M. M., 448
 Alcara, A. O., 363
 Alder, E., 62
 Aleem, M. I. H., 261
 Alexander, E. A., 74
 Alexander, T. J. L., 263
 Alexandre, C., 432
 Alhough, I., 441
 Alid, G., 357
 Allan, F. N., 96
 Allen, H. A. J., 390
 Allen, J. E., 287
 Allgower, M., 466
 Alligood, L. M., 74
 Allison, F. J. Jr., 458
 Allison, R. G., 438, 447, 452, 460
 Allukian, M., 430
 Allwright, S. P. A., 387, 388
 Ally, A. I., 416
 Al-Rashid, R. A., 166, 167
 Alston, T. A., 295
 Altman, P. L., 70, 76, 77
 Alvares, A. P., 211, 216
 Amaral, J. R. D., 97
 Amen, R. J., 363
 Ament, D., 265
 Ames, B. N., 31, 32
 Ames, S., 355
 Amos, H., 455
 Amos, W. H., 218
 Amundson, R., 341
 Anan, F. K., 212
 Anantharaman, K., 330
 Anaokar, S. G., 157
 Anaud, B. S., 140
 Andersen, C. J., 184
 Anderson, D. A., 388
 Anderson, E., 55
 Anderson, G. H., 164
 Anderson, J. A., 84, 88
 Anderson, K. E., 211, 216
 Anderson, L., 456
 Anderson, M. I., 84
 Anderson, O. R., 364
 Anderson, P. A., 411
 Anderson, R. K., 57
 Anderson, T. A., 160, 164
 Anderson, T. W., 376, 378, 381, 382, 385, 386
 Anderson, W. F., 28
 Andrewes, A. G., 355
 Andrewes, A. W., 182
 Andrews, F., 248, 250
 Angelin, B., 268, 269, 415
 Anthony, W. L., 419
 Anton, V., 111
 Anzai, M., 463, 464
 Anzano, M. A., 419
 Aoyama, H. J., 96
 Aposhien, H. V., 226
 Applegate, D. A., 404
 Apte, S. V., 130
 Aquino, H., 287
 Arab, L., 82
 Araya, M., 287
 Archer, M. C., 225
 Archibald, F. S., 32, 39
 Archibald, J. G., 155, 157, 158
 Ardrey, R., 53, 54
 Arena, J. M., 81
 Arienti, G., 101, 105
 Arkhangel'skaia, T. E., 417
 Arky, R. A., 246
 Armitage, G., 237
 Armstrong, M., 403-5, 408, 410, 411, 413
 Armstrong, M. J., 112, 404, 413, 415
 Arnold, J., 377, 385
 Arnold, R. R., 166
 Arnott, M. L., 48
 Arnott, M. S., 224
 Arnrich, L., 361
 Aronson, R. B., 166
 Arrighi, F. E., 200
 Arsenis, C., 292, 293
 Arslan, Y., 111
 Artom, C., 100
 Arvidson, G., 101, 103
 Arvidsson, B., 125-28, 142, 165
 Arvidsson Lenner, R., 446, 447
 Arya, S. S., 357
 Asagi, M., 31
 Asakura, T., 465
 Asano, M., 258
 Asano, T., 259, 269, 458
 Asatoor, A., 99
 Ashby, J., 223
 Ashida, K., 96
 Ashton, W. T., 286, 292, 294
 Asikainen, S., 457, 462
 Assenzo, J. R., 377
 Assev, S., 461
 Atkin, C. L., 161
 Atkinson, S. A., 164
 Atsushi, I., 96
 Atweh, S., 105
 Aulenbach, B. B., 354, 366
 Auletta, A. E., 182-85
 Aung-Thun-Batu, 133, 135
 Aurdunson, C. H., 196, 197
 Austwick, P. K. C., 209
 Avery, M. E., 109
 Avioli, L. V., 220
 Awapara, J., 403
 Awazu, S., 184
 Axelrod, D. E., 40
 Axelrod, J., 101, 104, 217

478 AUTHOR INDEX

- Ayd, F. J., 110
 Aykroyd, W. R., 51, 56, 61
 Azari, J., 402, 407, 409, 410
 Azizi, F., 246
- B**
- Babior, B. M., 284, 297
 Bach, H., 184
 Bacher, A., 282
 Backer Dirks, O., 429, 430
 Baeyer, A., 96
 Baez, S., 259, 260
 Bahrs, F. K., 198
 Bailes, J., 248
 Bailey, G. F., 355
 Bailey, M. R., 111
 Bajo, P., 160
 Bak, I. J., 104
 Baker, D. H., 411
 Baker, D. R., 88
 Baker, E. M., 218
 Baker, H., 282, 283, 287, 289
 Baker, T. C., 48
 Bakner, C. M., 186, 187
 Balcke, P., 459
 Baldwin, J. J., 100
 Baldwin, R. L., 151
 Ball, C. O. T., 81, 84, 88, 89
 Ball, E. G., 245
 Ballou, D. P., 304-6
 Balny, C., 299, 305
 Bancher, E., 447, 449, 454
 Bang, B., 270
 Bang, F. B., 270
 Bank, W. J., 338
 Bánóczy, J., 450
 Bantzer, P., 331
 Baqar, M. R., 354
 Barak, A. J., 106
 Barale, R., 188
 Baranyovits, F. L. C., 187
 Barbeau, A., 402, 407, 412, 416, 418
 Barber, M. J., 297
 Barchas, J. D., 97
 Barclay, J. A., 97
 Bardy, A., 453
 Barer, J., 80
 Bargoni, N., 102
 Barker, J. L., 105
 Barman, B. G., 292, 300
 BARMES, D. E., 427-35; 429-31, 433
 Barnard, R., 340
 Barnett, R. N., 271
 Barney, C. C., 246
 Barrard, M., 248, 250
 Barrett, M. J., 430
 Barrie, P., 221
 Barstow, T. J., 323
 Barter, P. J., 335
 Bartfai, T., 297, 298
 Bartizal, K. F., 268
 Bartoshuk, L. M., 80
 Bartsocas, C., 465
 Bartus, R. T., 110
 Bartuska, D. G., 418
 Bartusio, A., 238
 Barua, A. B., 360
 Baskin, S. I., 402, 403, 405, 407, 409, 416, 418, 419
 Bässler, K. H., 454, 456, 459, 460, 463, 464
 Basu, T. K., 208
 Bates, R. P., 354
 Batstone, G. F., 448
 Battarbee, H. D., 70, 74, 77, 81, 82, 87, 89
 Batzinger, R. P., 460, 464
 Baudhayana, 50
 Bauer, H., 260, 262
 Bauer, R. L., 299
 Bauernfeind, J. C., 355, 357, 358, 361
 Bauman, L., 164
 Bauminger, E. R., 38
 Baxter, J. H., 96
 Bayley, H. S., 362
 Baylis, E. M., 222
 Bazquez Salinas, C., 354
 Beach, R. S., 270
 Bealmear, P., 269-71
 Beaman, K. D., 224
 Beams, A. J., 97
 Bear, J., 388
 Beaty, N. B., 305, 306
 Beaver, M. H., 262, 268
 Beck, K., 464
 Beck, R. A., 111
 Beckenhauer, H. C., 106
 Becker, B., 293
 Becker, M. A., 441
 Becking, G. C., 221
 Beecher, G. R., 328
 Beeler, D. A., 101, 105
 Beevor, S., 363
 Begum, A., 352
 Beinert, H., 297, 301, 304
 Beisbarth, H., 464
 Beisswenger, P. J., 456
 Bejrablava, D., 288
 Belavady, B., 152, 154
 Beldin, R. A., 385
 Bellanca, N., 186
 Benack, R. T., 74
 Ben-Aziz, A., 356
 Bend, J. R., 219
 Bender, C., 165
 Benditt, E. P., 226
 Bennett, A., 332, 337
 Bennett, D. R., 75
 Bennett, J., 450, 451
 Bennett, J. W., 48
 Bennett, N., 289
 Bennett, R. C., 105, 106
 Bennetts, H. W., 157
 Benson, B., 407
 Benson, B. W., 409
 Benz, C. L., 53
 Bequaert, J., 62
 Berdichevsky [Berday], N., 51
 Berends, W., 305
 Berenstam, R., 154
 Berg, A., 328, 330
 Berg, B. N., 249
 Berg, G., 451, 459
 Bergan, J. G., 59
 Berger, H. M., 408
 Berger, P. A., 97, 110, 111
 Bergstrand, A., 214
 Bergstrom, J. L., 337
 Berlin, R. W., 85
 Bernardis, L. L., 241, 249
 Bernhardt, K., 354
 Bernheim, F., 96, 102
 Bernheim, M. L. C., 102
 Bernstein, D. S., 384, 431, 432
 Bernstein, I. L., 453
 Berry, F., 293
 Bersohn, I., 464
 Berson, E. L., 411, 412
 Beskid, G., 453, 461
 Bessey, O. A., 282, 283
 Best, C. H., 96, 112
 Betzing, H., 100
 Beveridge, J., 80
 Bezwoda, W. R., 127, 128
 Bhat, C. M., 357
 Bhat, P. V., 355, 358
 Bhat, T. K., 363
 Bickel, H., 451, 459
 Bickoff, E. M., 355
 Biedermann, G., 29
 Bierenbaum, M. L., 377, 385
 Bieri, J. G., 266
 Bierkamper, G., 104, 111
 Bierman, E. L., 447, 449
 Biezanski, J., 107
 Bigelow, S. W., 208
 Bijlenga, G., 389
 Bilsa, C., 362, 367
 Bills, C. E., 74
 Binns, M. M., 41
 Birge, S. J., 220
 Birnbaum, S. M., 271
 Bishop, J. E., 261, 262
 Bissell, D. M., 448
 Bissell, M. J., 448
 Bjelke, E., 225
 Bjerkedal, I., 59
 Bjorkhelm, I., 220
 Björn-Rasmussen, E., 125-33, 135-42, 165
 Bjornson, L. K., 362-64
 Bjornstad, P., 101
 Bjornstorp, P., 236
 Blackburn, I. M., 111
 Blackwell, B., 295

- Blackwood, G., 105, 111
 Blaine, E. H., 81
 Blair, D., 325
 Blair, S., 335, 338
 Blakley, R. L., 448
 Bland, R. L., 61
 Blankenhorn, D. H., 362
 Blankenhorn, G., 302
 Blanton, R., 112
 Blattná, J., 354
 Blattny, C., 354
 Blaxter, K. L., 236, 243
 Blennow, G., 185, 199
 Bligh, J., 97, 105, 106
 Bligh, W., 51
 Bloom, B., 100
 Blum, J. C., 289
 Blusztajn, J. K., 101
 Blystad, W., 80
 Bode, C., 441, 443
 Bode, J. C., 441
 Bodea, C., 362, 367
 Bodenheimer, F. S., 62
 Boecker, S., 442, 458, 459
 Boffey, P. M., 181
 Bogert, L. J., 97
 Bolin, H. R., 357
 Bollag, W., 225
 Bond, J. A., 226
 Bondy, S. C., 110
 Boonjawat, J., 360
 Boose, B., 288
 Booth, A. N., 199
 Bora, S. S., 184
 Borch, G., 355
 Borchers, R., 361
 Bornstein, W. A., 219
 Boross, L., 364
 Bosma, M. J., 269
 Bostad, R., 80
 Bothwell, T. H., 125, 127, 128, 130, 131
 Boucher, R. V., 289, 297
 Boulanger, M. A., 215
 Bounous, G., 208
 Bowen, R. E., 70, 72, 77
 Bowie, D. J., 96
 Boxer, L., 465
 Boyd, E. M., 215, 218
 Boyd, F. M., 262
 Boyd, J. L. III, 167
 Boyd, W. D., 105, 111
 Bradbeer, C., 32, 33
 Bradford, R. B., 321
 Bradley, W. B., 126, 138, 139
 Brady, M. E., 287
 Branam, G., 332, 337
 Brand, K., 247
 Brandt, N. J., 295
 Bransford, D. R., 323, 324
 Braun, L., 104
 Braun, L. D., 104, 109, 110
 Braun, V., 31-33, 37
 Braverman, L., 246
 Bray, G. A., 236, 238, 240, 241, 244, 246-49
 Bray, P. F., 161
 Bray, R. C., 297, 299, 304
 Bray, T. L., 248
 Breeding, S. A. L., 41
 Breese, G. R., 184
 Brekke, J. E., 357
 Bremer, J., 101
 Bresnick, E., 219
 Bressler, R., 402, 407, 409, 419
 Bressot, C., 432
 Brew, K., 162
 Breyer, A. M., 159
 Briatico, G., 222
 Bridle, P., 192
 Briggs, G. M., 97
 Bright, H. J., 295, 296, 302, 303
 Brimacombe, J. S., 452
 Brin, M., 452, 453, 459, 461
 Brinkmann, F. J. J., 380-82
 Britton, G., 354, 356, 357
 Brizuela, B. S., 219
 Brock, A., 155
 Brodie, B. B., 217
 Brody, S., 236
 Bronfman, M., 440
 Bronner, F., 220
 Brooks, S. L., 245, 246
 Brophy, P., 103
 Brot, N., 35
 Brotherhood, J., 341
 Brothwell, D. R., 49, 60
 Brothwell, P., 49
 Broun, G. O., 97
 Brouwer, E. A., 184
 Brown, A. T., 444, 453
 Brown, C. C., 225
 Brown, E. S., 109
 Brown, F. A., 184
 Brown, G. A., 408
 Brown, G. M., 128
 Brown, J. E., 286, 292, 294
 BROWN, J. P., 175-205; 180, 182-88, 192
 Brown, N., 99, 263
 Brown, P. J., 59
 Brown, P. R., 365, 366
 Brown, R. D., 286, 292, 294
 Brown, R. J., 182-87
 Brown, R. M., 165
 Brozeck, J., 238
 Brozovic, B., 341
 Bruckner, G., 260
 Bruckner, G. G., 259
 Bruckner-Kardoss, E., 259-62, 264, 268, 272
 Brudevoid, F., 430
 Brueton, M. J., 408
 Bruggeman, J., 127
 Bruice, T. C., 296, 304, 305
 Bruik Nielsen, A., 184
 Brumley, G. W., 109
 Brun, T., 60
 Brune, W., 354
 Brunengraber, H., 106
 Brunius, E., 445
 Brushmiller, J. G., 161
 Bryan, M. H., 164
 Bryant, D. G., 388
 Bryant, J. R., 363
 Bryant, V. M. Jr., 49
 Bryce, G. F., 35
 Bryce, G. R., 323
 Buchanan, J. M., 297
 Buchanan, N., 216, 217
 Buchecker, R., 355
 Buckell, M., 453
 Budowski, P., 98, 99, 357, 360
 Bueding, E., 460, 464
 Bull, A. W., 223
 Bullen, J. J., 41, 159, 166
 Bulman, R. A., 28
 Buma, T. J., 362
 Bunge, G., 84
 Bünger, R., 440
 Bunzel, M., 431
 Bunzel, M. G., 429
 Burch, H. B., 283, 288, 294
 Burchell, H. B., 88
 Burden-Russell, C. L., 456
 Burger, A., 246
 Burger, A. G., 246
 Burgess, H. J. L., 60
 Burgess, R. W., 70, 76, 77
 Burke, B. S., 242
 Burland, W. L., 247
 Burnett, R. M., 293, 296
 Burn-Murdoch, R. A., 343
 Burns, A., 284
 Burns, F. S., 226
 Burns, J. J., 217, 225
 Burr, R. G., 388
 BUSKIRK, E. R., 319-50; 248, 250, 320, 321, 325-27, 333
 Buss, E. G., 289, 297
 Busse, C. D., 53, 54
 Busson, F., 364
 Butrum, R. R., 364
 Butterworth, R. F., 402, 407, 416, 418
 Buzas, Z., 364
 Bye, P. A., 450, 451
 C
 Cabrol, D., 388
 Caedo, M. M., 363
 Cairella, M., 236
 Cairns, W. L., 285, 286
 Calabrese, E. J., 74
 Callacombe, D. N., 408
 Callahan, M. J., 359
 Callender, S. T., 130, 132, 140

480 AUTHOR INDEX

- Callingham, B. A., 248, 250
 Calloway, D. H., 97, 328
 Calvo, J., 57
 Cama, H. R., 354, 358, 360, 361
 Cameron, J. M., 80
 Cammack, R., 297
 Campbell, T. C., 208, 215, 216, 295
 Canady, W. J., 218
 Canas, R., 151
 Canha, T. J., 96
 Canham, J. E., 218, 341
 Caniggia, A., 96
 Cannon, H. L., 384
 Capellere-Blandin, C., 304
 Cardesa, A., 225
 Carey, R. E., 412
 Carlberg, I., 298
 Carleton, A., 164
 Carlisle, H. J., 241
 Carlmark, B., 341
 Carlos, J. P., 429, 430
 Carlson, B., 339
 Carmichael, C. L., 429
 Carmichael, D., 160, 164
 Carnevale, J., 357
 Caroline, L., 41
 Carpenter, M. P., 214
 Carr, C. J., 438, 444
 Carr, L. M., 429
 Carrano, C. J., 35, 40
 Carroll, K. K., 270
 Carroll, B. J., 111
 Carroll, J., 239
 Carroll, M. D., 70, 73, 77
 Carrozza, J., 107
 Carter, D. E., 186
 Casey, C. E., 165
 Cataland, S., 453
 Caterini, H., 283
 Catz, C., 216
 Catz, C. S., 221
 Cavaletto, C. G., 357
 Cavalli-Sforza, L. L., 289
 Cavallito, C. J., 104
 Cavell, P. C., 152, 154
 Cech, I., 74
 Cederblad, Å., 128, 165
 Ceneo Martinez, C., 362
 Centerman, H. W., 239
 Century, B., 214
 Cerdá-Olmeda, E., 354
 Ceretelli, P., 323
 Cerrito, F., 101, 105
 Chader, G. J., 355, 358
 Chaffee, R. R. J., 245, 247
 Chaikoff, I. L., 100
 Chalmers, R. A., 459
 Chan, H. T. Jr., 357
 Chan, R. P. K., 299
 Chan, S., 453, 456
 Chan, T., 220
 Chan, T. K., 465
 Chanarin, I., 221
 Chance, G. W., 164
 Chandhuri, R., 289
 Chandra, D., 199
 Chandra, R. K., 270
 Chandra Sekhara, N., 199
 Chaney, R. W., 50
 Chang, C. H., 96
 Chang, F. H., 364
 Chang, K.-C., 48, 50, 56
 Chang, L., 262, 268, 269
 Chang, R., 211
 Chang, T. W., 331
 Chang, Y.-H., 354
 Channon, H. J., 96
 Chapman, C. B., 79, 81
 Chapman, F. E., 157
 Chapman, P. J., 306
 Char, D. F. B., 226
 Chari, K. V., 363
 Charlang, G., 28, 39
 Charlesworth, F. A., 209
 Charlier, H., 262
 Charlton, G., 429-31
 Charlton, R. W., 125, 127, 128, 130, 131
 Chary, T. M., 363
 Chassey, B. M., 292, 293
 Chatagner, F., 403
 Chavez, R., 96, 112
 Chayutimongkul, L., 226
 Check, D. B., 109
 Chejne, A. G., 50
 Chen, M., 440
 Chen, T., 357
 Cheney, D. L., 104
 Cheng, C. C., 286, 301
 Chez, R. A., 103, 109
 Chhabra, R. S., 219
 Chia, C. P., 286, 291
 Chiang, J. P. C., 83
 Chiba, M., 463, 464
 CHICHESTER, C. O., 351-74; 354-57, 362, 367
 Child, J. A., 221
 Child, V. G., 55
 Chinnet, A., 247
 Chippendale, T., 97, 104, 106
 Chipperfield, B., 381
 Chipperfield, J. R., 381
 Chirouze, M., 295
 Chlouerakis, C., 238
 Cho, M., 344, 345
 Choi, J. D., 292, 294
 Chovan, J., 404
 Chovan, J. P., 409, 417
 Chow, C. K., 224
 Chowdhury, R. L., 56
 Choy, P., 103
 Christensen, E., 295
 Christensen, S., 287
 Christiansen, C., 219, 220
 Christie, J. E., 111
 Chu, J.-W., 297, 304
 Chu, R. C., 157, 158, 167
 Chuang, A. H., 219
 Chubb, J., 402, 409, 410
 Chun, H. G., 270
 Chung, K.-T., 180, 182
 Churchill, D. N., 388
 Cinti, D. L., 220
 Cirkisena, W. J., 338
 Clagett, C. O., 289, 297
 Clahr, J., 80
 Clark, C. G., 223
 Clark, D. G., 404
 Clark, P. A., 221
 Clark, S., 97
 Clarke, H. C., 283, 290
 Clausen, T., 247
 Clayson, D. B., 215
 Clayton, D., 376, 385, 386
 Clayton, D. G., 376, 390
 Cleary, M. P., 241, 249
 Clegg, M., 152-56, 158
 Clegg, M. S., 152
 Clemens, W., 362
 Clement, D., 341
 Clements, R. S. Jr., 448, 456
 Cleton, F., 125, 130, 131, 140
 Clifton, C. M., 157
 Clinton, S. K., 224
 Clody, D. E., 103, 104
 Close, A. E., 56
 Clow, C. L., 108
 Clugston, G. A., 330
 Coates, M. E., 259, 261-66
 Coatney, G. R., 70, 76, 77
 Cobb, M., 112
 Cohen, A. I., 402, 407, 408
 Cohen, B. E., 270
 Cohen, B. I., 415
 Cohen, B. M., 111
 Cohen, E. L., 103, 104
 Cohen, P. A., 403, 405
 Cohen, S. G., 38
 Cohendy, M., 258
 Cohn, C., 239, 241, 242
 Cohn, E. M., 402, 405, 416
 Cohn, J., 57
 Colby, H. D., 218
 Colby, R. W., 96
 Cole, E. R., 357
 Cole, J. R., 262
 Cole, M., 111
 Cole, M. F., 166
 Cole, S. L., 75
 Coleman, D. L., 241, 249
 Coleman, R. L., 387
 Coles, C. J., 295
 Colley, J., 455
 Collier, B., 111
 Collins, B., 181
 Collins, B. J., 453, 464
 Colwell, A. R. Jr., 96

- Combe, E., 259
Combs, A. M., 288, 294
Comstock, G. W., 376
Cone, M. V., 218, 225
Conney, A. H., 151, 211, 216,
217, 225, 300, 301
Conrad, M. E., 130-32, 141
Consolazio, C. F., 328-30, 341
Contenau, G., 50
Cook, D. G., 390
Cook, J. D., 125-28, 130, 131,
138, 139, 142, 163
Cooke, W. T., 97
Cookson, S. L., 96, 112
Coon, J., 209
Coon, M. J., 212, 297, 300, 301
Coon, R. W., 408
Cooper, D. L., 340
Cooper, G. R., 74
Cooper, J., 185
Cooper, M. H., 429-31
Corash, L., 465
Corbett, C. L., 224
Corbett, W. T., 81
Corbin, J. E., 411
Corcino, J. J., 221
Cordero, L., 109
Corley, W. D., 74
Cornatzer, W. E., 97, 100, 101
Cornelis, R., 154, 155
Cornelius, D. A., 83
Cornford, E. M., 104, 109, 110
Cornwall, D. G., 363, 364
Cornwell, A. C., 406, 412
Cortart, T. M., 444
Costa, E., 299
Costello, R., 265
Costill, D. L., 332-35, 337, 343,
344
Cote, L. J., 406, 407
Cottard, A., 262
Cotzias, G. C., 88
Couch, J. R., 96
Coughlan, M. P., 297
Coulson, A., 387, 388
Coulson, J., 176, 192, 196, 200
Coulton, J. W., 33
Counsell, J. N., 438, 454
Courpron, P., 432
Cowie, A. T., 150
Cox, A. G., 271
Cox, D. H., 157, 158, 167
Cox, J. E., 237, 241, 249
Cox, T. M., 164
Coyle, E., 337
Craig, G. G., 430
Craig, J., 181
Craig, J. C., 181, 299
Craig, J. M., 362
Crampton, R. F., 209
Crane, G. E., 110
Crank, G., 357
Crapo, P. A., 446
Crawford, M. D., 376, 380,
381, 385, 386, 388, 390
Crawford, T., 380
Crean, C., 362
Crill, P., 366
Crocker, D., 452, 453
Cromartie, T. H., 298
Crooks, H., 59, 439
Crosa, J. H., 39, 42
Crosby, W. H., 131, 141
Crossley, J. N., 444
Crowley, J. M., 222
Cruse, J. P., 223
Csorba, I., 364
Culver, P. L., 224
Cummings, R. O., 48
Cunnane, S., 416
Cunningham, A. S., 167
Curry, J. R., 298
Cussler, M. T., 49
Cutress, T. W., 428
Cutting, C. L., 48
Cyronak, M. J., 357
Czygan, P., 215
- D**
- Daft, F. S., 96, 263, 264, 266
Dagirmanjian, R., 419
Dahl, L. K., 70, 76, 77, 81, 82,
84, 88, 89
Dahlke, M. B., 222
Dahme, E., 389
Daiger, S. P., 289
Dallman, P. R., 128, 163, 221
Dallner, G., 212
Dalsky, G., 337
Damico, F. J., 81
Damon, A., 327
Dando, W. A., 48
Danforth, E., 240, 243-47
Daniel, J. W., 184
Dantzler, W. H., 405
Darby, F. J., 362
Darby, W. J., 49, 51
Darling, G. D., 293, 296
Dart, R. E., 428
Das, R. C., 360, 362, 364
Dashman, T., 225
Dastoor, D., 111
Dauncey, M. J., 164, 248, 249
Davey, B. G., 431
David, J. D., 453
David, R. J., 164
Davidson, D., 335, 338
Davies, B. H., 354
Davies, C. G., 164
Davies, C. T. M., 323, 324
Davies, D. L., 41
Davies, G. N., 429
Davies, H. L., 248
Davis, G. K., 388
Davis, J. D., 464
Davis, J. M., 111
Davis, J. O., 80
Davis, K. L., 97, 110, 111
Davis, M. D., 216
Davis, N., 112
Davison, S. C., 213
Dawber, T. R., 82
Dawson, D. J., 186
Dawson, E. B., 383
Dawson, R. M. C., 100, 263
Dayan, A. D., 80
Dean, H. T., 428
Dean, R. L., 110
De Angelia, B., 283
De Belle, R. C., 404, 408
Decad, G. M., 30
De Castro, E. S., 215
de Castro, J., 51
De Castro, J. M., 244
Decke, E., 244
Decker, K., 291
Declercq, B., 112
Decombaz, J., 330
Deeb, S. S., 96
Defraites, E., 111
DeGenaro, F., 80
de Give, M. L., 49
Degkwitz, E., 217, 218
De Haas, G. H., 99, 100
de Jong, R. J., 293, 296, 306
DeJongste, J., 341
De Kalbermatten, N., 464
Dekker, W., 112
De La Huerga, J., 99, 111
Del Rosario, I. F., 363
Deluca, C., 291
De Luca, G., 408
De Luca, H. F., 220, 360
De Luca, L., 219
De Luca, L. M., 354, 355, 358
Delugas, G. M., 244
De Maria, C. G., 152, 154, 155
Demarne, Y., 259, 262, 267
Demetrakopoulos, E. G., 455
Demos, M. A., 338
Denckla, W. D., 237
den Daas-Slagt, A. J., 39
Dening, J. W., 74
Denk, H., 224
Dennis, B. H., 320
Denton, D. A., 80
Depierre, J. W., 212
Depocas, F., 237
De Ridder, J. J., 102
DeRitter, E., 364
Derman, D., 128
de Ruiter, L., 241
Desautels, M., 246, 249
Deshmukh, D. S., 361
Desjardins, R. F., 329
DeSomer, P., 264
Detbarn, W. D., 263
Detels, R., 387, 388

482 AUTHOR INDEX

- Dettmer, D., 456, 465
 Detweiler, D. K., 389
 Deutsch, E., 459
 Deutsch, R. M., 59
 Devanney, J. W. III, 49
 Devel, H. J. Jr., 360
 de Vet, H. J. C. M., 163
 Devivo, D. C., 404
 DeVoe, I. W., 32, 39
 de Vore, I., 54
 Dewar, A. K., 448
 Dewey, K. G., 56
 DeWijn, J., 341
 Diacono, J., 409
 Di Augustine, R. P., 214
 Dick, A. P., 363
 Dickerson, J. W. T., 208, 215,
 221, 222, 226
 Dickie, P., 285
 Dickinson, D., 184
 Dickinson, W. E., 70, 72, 77
 Dickson, D. P. E., 38
 Diefenbach, V. L., 428
 Dietrich, J., 409
 Dietrich, P. S., 183, 188, 192
 Di Girolamo, R. M., 408
 Dilberto, E. J., 101
 DiMarco, J. P., 294
 DiMasi, D. R., 32
 Dinesen, N., 196
 Diplock, A. T., 214
 Disler, P. B., 125, 128, 130,
 131
 Ditchek, N. T., 448
 Dittmer, D. S., 70, 76, 77
 Divertz, C., 417
 Dixon, M. F., 214
 Dixon, R. L., 215
 Djazayeri, A., 241, 249
 Djoletto-Nathey, E., 237
 Dmitrovskii, A. A., 362, 364
 Dobbins, J., 109
 Doft, F., 260, 266
 Doft, F. S., 267
 Dohm, G. L., 328
 Doi, K., 250
 Dokshina, G. A., 417
 Dolara, P., 409
 Dole, V. P., 88
 Doller, J., 110
 Domanski, B., 112
 Donabedian, R. K., 82
 Donahoe, J. F., 459
 Donaldson, H., 109
 Donaldson, J., 412, 418
 Donaldson, K. O., 297
 Donchev, K., 354
 Dong, F. M., 452, 455
 Doppler, W., 239, 241
 Dörschel, E., 48
 Dorsky, A., 183
 Doty, T. E., 439
 Doughty, J., 56
 Douglas, B. H., 380
 Dowd, K., 58
 Dower, J. C., 408
 Dowling, J. E., 359
 Down, M. G., 340
 Dozou, P., 299, 305
 Drachman, D. A., 111
 Drahota, Z., 102, 109
 Drake, A. F., 33
 Drake, J. J.-P., 176, 181, 183,
 192
 Dramise, J. G., 328-30
 Draser, B. S., 271
 Dreiss, G., 463
 Drenth, J., 293, 296, 306
 Dresser, M., 57
 Dreyfuss, F., 362
 Driscoll, R., 183
 Driscoll, W. S., 428, 429
 Driskell, J., 295
 Drummond, J. C., 48
 Dubach, R., 124, 128, 130
 Dubach, U. C., 458
 Dubberstein, M., 218
 Dubos, R., 264, 265
 Dubos, R. J., 265
 Dudley, E. F., 385
 Dudziak, R., 442
 Dumada-Ug, L. M., 363
 Dumelin, E. E., 214
 Dumitrache, S., 332
 Dumm, M. E., 352
 Dumont, M., 415
 Duncan, J. R., 160, 161
 Dunkley, W. L., 159, 162
 Dunlop, N. M., 358
 Dunn, J. P., 377, 385
 Dunn, M. J., 187
 Duppenhaler, J. L., 430
 Dupuis, J., 48
 Durnin, J. V. G. A., 240, 244,
 321
 Dustan, H. P., 81
 Dutra, F. R., 96
 duVigneaud, V., 263
 Dwaraknath, P. K., 362
 Dwyer, J. T., 58
 Dynsja, H. A., 265
 Dyon, M., 324
 Dysken, M. W., 111

E
 Eagen, M., 225
 Earhart, C. F., 36, 40, 41
 Earle, I. P., 155, 157
 Early, R., 339
 Eason, C. T., 183
 Ebel, A., 412
 Eberts, N. J., 83
 Eckerstorfer, R., 224
 Eckhart, C., 160, 161
 Eddy, D., 332, 337
 Edelman, I. S., 245, 247
 Eden, A., 151
 Eder, H. A., 88
 Edgar, W. M., 431
 Edgecombe, C. N., 131
 Edgerton, V., 340
 Edholm, O. G., 321
 Edkins, S., 408
 EDMONDSON, D. E.,
 281-317; 283-86, 292, 294,
 295, 299
 Edmund, T., 112
 Edouard, C., 432
 Edwards, H. M., 262
 Edwards, J. B., 459
 Edwards, L., 84
 Edwards, R. B., 408
 Edwards, R. G., 459
 Egan, M., 180, 465
 Eggleston, L. V., 443, 457
 Ehn, L., 341
 Ehrenberg, A., 285
 Ehteshamuddin, A. F. M., 357
 Eidelman, A. I., 109
 Eidlitz, K., 57
 Einarsson, K., 268, 269, 415
 Eirich, L. D., 285, 286
 Eisen, H. N., 289
 Eisner, T., 187
 Eitenmiller, R. R., 365
 El-Gorab, M. I., 361
 Elhadidi, N., 56
 Elizarova, E. P., 409
 Elkins, E. R., 364
 Elliott, G. B., 74
 Ellis, F. R., 59
 Ellis, R., 131
 El-Magoli, S., 365
 El-Shami, I. M., 365
 El-Tinay, A. H., 356
 Elton, N. W., 80
 Elton, W. J., 80
 Elvehjem, C. A., 97, 157, 445
 Elvove, E., 429
 Elwood, P. C., 132, 385
 Elwyn, D., 101
 Emery, T., 28, 33, 39, 40
 Emodi, A., 193, 454
 Encrantsz, J. C., 408
 Enderlin, F. E., 180, 183, 186
 Engel, C., 188, 192, 193, 196
 Engel, R. W., 97
 Ensminger, M. E., 96
 Entsch, B., 305, 306
 Enzi, G., 238
 Epstein, B., 100
 Epstein, M. F., 103, 107, 109
 Erdman, J. W. Jr., 363
 Erhard, D., 58
 Erickson, T. J., 37
 Erickson, M., 216
 Ericsson, S. Y., 428, 431, 432
 Erlinger, S., 415

Ernst, J. A., 157
 Ernst, N., 320
 Ernster, L., 297, 298
 Ershoff, B. H., 181
 Ervin, R. F., 258
 Escapini, H., 352
 Essen, B., 332
 Estabrook, R. W., 102, 213,
 300, 301
 Esztari, L., 450
 Etienne, P., 111
 Eugster, C. H., 355
 Evans, E., 242
 Evans, G. W., 161, 165, 459
 Evans, J. S., 220, 221
 Evans, W., 337
 Everson, D., 84
 Ewton, M. F., 452
 Exton, J. H., 443
 Exton-Smith, A. N., 111
 Eyberg, C., 216
 Eyssen, H., 263, 264, 268
 Ezekiel, E., 152, 153, 157, 159,
 164

F

Fabry, P., 240
 Fahrquhar, J. W., 335
 Fairbanks, B. W., 96
 Falk, M. C., 294
 Falkow, S., 41
 Fallon, H. J., 101
 Fallott, M. E., 167
 Falto, H., 416
 Fan, T. Y., 225
 Farber, E., 443
 Farhangi, M., 289
 Farkas, W. R., 272
 Farrell, H. M. Jr., 289
 Farrell, P. M., 103, 109
 Farrow, G. M., 225
 Farthing, M. J. G., 363
 Fass, S., 291
 Faurbye, A., 110
 Faust, I., 238, 241
 Faust, I. M., 238, 239
 Faust, R. G., 288
 Favaudon, V., 296, 306
 Faxén, A., 128
 Fazekas, A. G., 291
 Fedrick, J., 222
 Feeney, R. E., 289
 Feinberg, R. H., 102
 Feiner, E., 458
 Feingold, S., 289
 Feinleib, M., 376, 390
 Felber, J. P., 464
 Feldman, S., 287
 Felig, P., 330-32, 337
 Fellingham, G. W., 323
 Fellman, J. H., 404
 Fenn, W. O., 84

Fenner, H., 302
 Fernandes, G., 270
 Ferrando, R., 208
 Ferris, R. M., 184
 Ferulano, G. P., 223
 Festing, M. F. W., 248, 249
 Feuer, L., 418
 Feuillen, Y. M., 151, 152, 163
 Fiedler, J., 367
 Field, F. P., 246
 Figard, P., 101
 Filer, L. J. Jr., 160, 164
 Finch, C. A., 125-28, 130, 131,
 138-42, 163
 Finch, S., 141
 Fink, W. J., 333, 337, 343, 344
 Finkel, R. M., 338
 Finkelstein, J. D., 419
 Finkelstein, N., 453
 Finkelstein, R. A., 39
 Finkle, S., 111
 Finkley, J. F., 385
 Finlayson, B., 388
 Finney, C. M., 402, 403, 409
 Firestein, R., 111
 Firstbrook, J. B., 112
 Fischer, J. S., 445, 453, 461
 Fisher, A. G., 323
 Fisher, G. L., 153-56, 166
 Fisher, J., 292, 294, 301
 Fisher, K. D., 438, 460
 Fisher, M. A., 343
 Fiss, E. H., 36
 Fitzgerald, R. J., 266, 444
 Fitzgerald, T. K., 48
 Fitzpatrick, T. B., 362
 Flanzly, J., 262, 267
 Flashner, M. S., 296, 299, 305
 Flatt, J. P., 242, 243
 Fleischman, A. I., 377, 385
 Fleischman, A. R., 103, 109
 Fleron, P., 440
 Fletcher, D. L., 362
 Fletcher, R., 452, 453
 Fletcher, T. R., 355, 358
 Floch, M. H., 262, 265, 271
 Flower, P. R., 157
 Flower, R. J., 98, 99
 Floyd, R., 270
 Floyd, R. A., 224
 Flynn, E. J., 217
 Fodor, G., 388
 Folkard, J., 226
 Folke, M., 247
 Fomon, S. J., 150, 160, 161,
 164, 166
 Fonda, M., 184
 Fonnum, F., 103
 Ford, D. J., 262
 Ford, J. F., 261, 263, 265
 Ford, K. T., 125
 Fordtran, J. S., 79, 344, 452
 Foresch, E. R., 446, 464

Forgo, I., 458
 Forman, H. J., 298
 Förster, H., 441-43, 451,
 458-60, 463
 Forsum, E., 150, 151, 159
 Foster, C., 337, 343, 344
 Foster, D. O., 245
 Fouts, J. R., 214, 215
 Fouts, P. F., 96
 Fovall, P., 111
 Fox, F. W., 57
 Fox, H. M., 344
 Fox, J. M., 100
 Foy, H., 200
 Foy, J. M., 237
 Fözy, L., 450
 Frain-Bell, W., 362
 Franca, M. H. deC., 362
 Frank, O., 282, 283, 287, 289
 Frank, R. L., 70, 75, 83, 84,
 86, 87
 Frankel, J. M., 428
 Frankle, R. T., 58
 Fransson, G.-B., 150, 159, 161,
 164, 167
 Fraser, D. R., 220
 Frate, D. A., 48
 Frazer, A., 111
 Freedman, M. R., 59
 Freedman, R. L., 48
 Freeman, R., 80
 Freeman, R. H., 80
 FREGLY, M. J., 69-93; 80,
 246
 Freiman, D. G., 362
 Freinkel, N., 263
 Freis, E. D., 70, 80-82
 French, A. D., 429
 Freston, J. W., 220
 Frick, K., 32
 Frieden, E., 295
 Friedman, M. A., 443
 Fries, J. L., 162
 Frink, R., 243, 245
 Frisell, W. R., 298
 Froehlich, J. A., 286, 288-91
 Froesch, E. R., 446, 464
 Frohlich, E. D., 81
 Frohman, L. A., 241, 248, 249
 Frost, G. E., 31, 35
 Frostell, G., 445, 450
 Frot-Cortaz, J. P., 355, 358
 Fry, J. L., 362
 Frydman, M. L., 245
 Fryer, B. A., 344, 345
 Fujihira, E., 403, 408
 Fujii, S., 299
 Fujimoto, S., 409
 Fujino, Y., 101, 108
 Fujita, T. S., 404
 Fukuda, Y., 111
 Fulk, G. E., 180, 182
 Fuller, J. H., 242

484 AUTHOR INDEX

- Fuller, R., 264, 265
 Fumero, S., 188
 Funai, Y., 283
 Furia, T. E., 186
 Furness, J. A., 429
 Furuta, F., 262
- G**
- Gaal, K., 418
 Gabbe, E. E., 127, 163
 Gabby, K. H., 448
 Gabbig, T. G., 284, 297
 Gabriel, E., 452
 Gabuzda, T. G., 195
 Gairola, C., 261
 Galagan, D. J., 428
 Gale, S. K., 241, 248
 Gallagher, A., 268
 Gallagher, B. B., 222
 Gallandre, F., 461
 Gallenkamp, H., 213, 218
 Galuan, P., 152, 154
 Gamble, L. G., 83, 84
 Gangolli, S. D., 183
 Ganguly, J., 100, 361, 362, 364
 Ganong, W. F., 80
 Garbin, G., 355
 Garbutt, J. T., 408, 415
 Garby, L., 131, 133, 135, 138, 139, 163
 Garcia-Ibanez, R., 139
 Gardner, G., 340
 Gardner, M., 385
 Gardner, M. J., 376, 385, 388, 390
 Garibaldi, J. A., 42
 Garland, E., 34
 Garland, W. A., 211
 Garlick, P. J., 247, 330
 Garner, R. C., 182
 Garnica, A. D., 162
 Garnier, H., 261, 262, 267
 Garrett, O. F., 162
 Garro, A., 215
 Garrow, J. S., 236, 237, 243, 244, 247
 Garry, P. J., 157
 Gast, R., 292, 293
 Gaudin-Harding, F., 289
 Gaull, G. E., 402-9, 411-14, 419
 Gault, M. H., 388
 Gauthier, B., 80
 Gauthier, S., 111
 Gaweck, K., 362
 Gebhardt, S. E., 364
 Gebre-Medhin, M., 151
 Geever, E., 266
 Geever, E. F., 263, 267
 Gefter, M. L., 40
 Gehring, F., 461
 Gelboin, H. V., 300, 301
 Gelenberg, A. J., 110
 Genta, V. M., 219
 Georgiev, G. S., 352
 Gerlach, J., 110
 Gershwin, M. E., 270
 Gertman, P. M., 101
 Geser, C., 464
 Geser, K. A., 463
 Ghalioungui, P., 49
 Ghazarian, J. G., 220
 Ghisla, S., 285, 296, 299, 302, 303, 306
 Ghosal, A. K., 362
 Ghourab, M. G., 365
 Gibbons, T. B., 79, 81
 Gibson, F., 34, 35, 38
 Gibson, G. G., 208
 Gibson, Q. H., 301
 Gill, J. L., 70, 75, 83, 86, 87
 Gillette, J. R., 215, 300, 301
 Gilligan, J. E., 459
 Gilliland, P. F., 338
 Gillin, J. C., 111
 Giorgini, D., 105
 Giotti, A., 409
 Girardier, L., 245, 247
 Giroux, E., 165
 Gittin, E. L., 338
 Gjessing, L. R., 330, 407
 Glas, J. E., 267
 Gläser, M., 127
 Glass, D., 222
 Glass, R. W., 354
 Glassman, M., 238, 241
 Gleason, M. N., 81
 Glen, I., 105, 111
 Glen, I. A., 111
 Glennon, J. A., 240, 244
 Gless, R. D., 186
 Glickman, I., 444
 Glimstedt, G., 258
 Glor, M., 106
 Glover, J., 357
 Glover, M. E., 323
 Glover, V. A. S., 105
 Gluck, L., 109
 Gmelin, L., 402
 Goad, L. J., 366
 Goas, A. J., 110
 Goebell, H., 441, 443
 Goertz, G., 362
 Goetz, F. C., 458
 Goetz, M., 187
 Gold, R. M., 249
 Goldberg, A. L., 329, 331
 Goldberg, A. M., 104, 111
 Goldberg, L. D., 448
 Goldblatt, H., 96
 Goldblatt, P. J., 443
 Goldman, J. K., 241, 249
 Goldsmith, G. A., 221, 222
 Goldsmith, G. H., 294
 Goldsmith, N. F., 388
 Goldstein, L., 111
 Gollnick, P. D., 334, 341
 Golub, E. E., 220
 Gontzea, I., 332
 Gonzales, E. A., 74
 Gonzales, M., 126, 130, 131, 133, 135, 139, 142, 143
 Gonze, J., 102
 Good, R. A., 270
 Goodbody, A. E., 246, 249
 Goodman, D. G., 225
 Goodpasture, C. E., 200
 Goodrick, C. L., 327
 Goodwin, T. W., 352, 354-56, 364, 366
 Goose, D. H., 430
 Gopalan, C., 61, 152, 215, 224
 Gorby, W. G., 403
 Gordon, H. A., 258-62, 264
 Gordon, T., 238
 Gorman, A. N., 240, 248
 Gorman, C., 56
 Gorten, M. H., 163
 Gosschke, H., 466
 Gosselin, R. E., 81
 Goswami, A., 297
 Goto, Y., 463, 464
 Goudie, A. J., 185
 Gover, J., 359
 Grafe, E., 198
 Graham, C., 455, 460
 Graham, D. W., 286, 292, 294
 Graham-White, J., 105, 111
 Graichen, C., 184
 Gram, T. E., 218
 Gray, R., 243, 247
 Greason, J. P., 385
 Greathouse, D. G., 376, 390
 Grebennikov, E. P., 154, 155
 Green, D. R., 283
 Green, H. H., 151
 Green, M. D., 218
 Green, M. H., 60
 Green, P., 31
 Green, W., 450
 Greenberg, D. M., 101
 Greenblatt, M., 225
 Greene, M. L., 441
 Greenman, D. A., 130
 Greenstein, J. P., 271
 Greenwood, K. T., 35, 41
 Greenwood, M. R. C., 241, 249
 Gregersen, N., 295
 Greim, H., 215
 Greiner, J. W., 218
 Grenby, T. H., 445
 Gresham, G. A., 389
 Greslin, J. G., 200
 Greten, H., 112
 Gribaldi, M., 287

- Gries, F. A., 239, 241
 Griffin, A. C., 224
 Griffin, W. C., 447, 459
 Griffith, W. H., 96
 Griffiths, E., 41
 Griffiths, L. A., 192
 Griffiths, P., 453
 Grifo, A. P. Jr., 289
 Grimble, R. F., 247
 Grinditch, G., 323
 Grivetti, L., 49
 GRIVETTI, L. E., 47-68; 47,
 48, 50, 55-61
 Grohman, A., 377
 Grollman, A., 70, 81
 Gron, I. H., 295
 Gronowska-Senger, A., 361
 Groot, E. H., 432
 Gros, G., 84, 88
 Grosch, W., 357
 Grosdemouge, M. L., 415
 Gross, J., 354, 360
 Gross, R. L., 209, 219, 226
 Gross, S. J., 164
 Grosse, W., 220
 Grossman, M., 241
 Grosso, D. S., 402, 407, 409
 Growdon, J. H., 97, 98, 110,
 112
 Grubbs, C. J., 225
 Gruener, R., 419
 Grunberg, E., 453, 461
 Grunberg, W., 389
 Grundy, S. M., 112
 Grunfeld, I., 57
 Gueguen, L., 259
 Guenet, J. L., 260, 262
 Guernsey, D. L., 246
 Guidotti, A., 402
 Guiso, G., 222
 Gulaid, A., 210
 Gulbrandsen, C. L., 362
 Gulick, A., 243
 Gülzow, H.-J., 430, 450
 Gundlach, B. L., 248
 Gunn, W. G., 453
 Gupta, S., 152
 Gupta, S. S., 199
 Guri, C. D., 431, 432
 Gurr, M. I., 243, 247, 248
 Gursay, D., 112
 Guss, P. L., 159
 Gustafson, G., 445
 Gustafsson, B. E., 258, 265-69
 Gustafsson, J. A., 268, 269
 Guterman, S. K., 32
 Guthrie, H. A., 150, 152, 154,
 157
 Gutman, M., 295
 Gutridge, J., 74
 Guttentplan, J. B., 225
 Guyton, A. C., 84, 89
 Guze, L. B., 42
 Gyorgy, P., 96
 H
 Haas, H., 56
 Haas, J. D., 48
 Haas, S., 184
 Haber, L. R., 404, 408
 Hadas, E., 450
 Haddad, J. G., 220
 Haga, T., 105
 Hagenfeldt, L., 330
 Hagerman, D. D., 221
 Hagerty, M. M., 108
 Hahn, E., 55
 Hahn, T. J., 220
 Hale, R. L., 183
 Hall, C. L., 297, 298, 301
 Hall, N. E. L., 40
 Hall, W. G., 107
 Halladay, S. C., 186
 HALLBERG, L., 123-47;
 125-33, 135-43
 Hallsworth, A. S., 430
 Halsted, J. A., 267
 Hambidge, K. M., 157, 164,
 165
 Hambraeus, L., 150, 151, 159,
 161, 164, 166, 167
 Hamilton, E. I., 386
 Hamilton, J. G., 262
 Hamilton, W. J., 53, 54
 Hamm, H. H., 291
 Hammer, C. T., 214
 Hammer, D. C., 218
 Hammer, D. I., 385, 389
 Han, P. W., 238, 241, 249
 Hancock, R. E. W., 31, 37
 Handa, H., 270-72
 Handler, P., 96, 339
 Hanks, L. V., 456
 Hankin, J. H., 388
 Hänninen, O., 214
 Hans, J., 338
 Hanschel, A., 238
 Hanson, P. C., 408
 Hansson, R., 220
 Hantke, K., 31, 32, 37
 Hanumantha Rao, D., 61
 Haralambie, G., 328, 330, 341
 Harber, L. C., 362
 Harbison, R. D., 103, 107
 Harding, R. S., 341
 Hardinge, M. G., 59, 439
 Hardison, W. G., 404, 408, 411
 Hardwick, J. L., 428
 Hardy, K. G., 41
 Harkonen, M., 332
 Harlan, J., 55
 Harland, B. F., 58, 59
 Harman, L. G., 263, 264
 Harms, R. H., 362
 Harper, A. E., 415
 Harper, R., 48
 Harris, C. C., 219
 Harrison, G. F., 261, 263-65
 Harrison, G. G., 48
 Harrison, J. W. E., 200
 Harrison, Y. E., 211
 Harrold, D., 261, 262
 Harrow, L. S., 185
 Hart, E. B., 157
 Hart, J. S., 237
 Hartles, R. L., 444
 Hartman, C. P., 182
 Hartman, W. J., 452, 455
 Hartmann, A., 32
 Hartmann, U., 285
 Hartoft, W. S., 96, 112
 Harwood, A., 50
 Hasanen, E., 379, 384
 Hashimoto, K., 270-72
 Haskell, W., 335
 Haskins, D., 141
 Haslewood, G. A. D., 402, 404,
 408
 Hass, E., 303
 Hastings, J. W., 296, 299, 305,
 306
 Hatano, S., 166, 167
 Hatefi, Y., 102, 103, 296-98
 Hathcock, J. H., 209
 Hatlen, L., 160, 164
 Haubrich, D. R., 97, 103-6
 Hausberger, B. C., 239
 Hausberger, F. X., 239
 Hauschildt, S., 459
 Hauswirth, J. W., 219
 Hautvast, J. G. A. J., 248
 Haven, G. T., 225
 Hawkins, W. B., 408
 Hayden, M. T., 223
 Haydon, R. K., 463
 Hayes, J. R., 208, 216, 295
 HAYES, K. C., 401-25; 402-8,
 410-15, 419
 Hayes, O. B., 58
 Haymes, E. M., 341
 Hays, V. W., 264
 Hayton, T., 377
 Hayton, W. L., 287
 Heacock, A. M., 298
 Heald, F. P., 242
 Heap, B., 74
 Heaton, J. M., 250
 Hedema, J., 212
 Hedley, V. M., 451
 Hegenauer, J., 159, 160, 164
 Hegner, J. R., 263, 264
 Hegsted, D. M., 96, 142, 268,
 431, 432
 Heifetz, S. B., 428, 429
 Heijenskjold, L., 297, 298

486 AUTHOR INDEX

- Heilman, W., 334, 335
 Heine, K. S. Jr., 185
 Heine, M., 81, 84, 88, 89
 Heinson, K., 404, 405, 408,
 413, 414, 418
 Heinrich, H. C., 127, 163
 Heinrick, J. R., 341
 Heinz, F., 444
 Hekali, R., 286
 Helback, H., 49
 Heller, K., 33
 Heller, M., 101
 Hellerstein, E. E., 96
 Hellström, K., 408
 Helminen, S. K., 384, 432
 Helper, L. C., 411
 Helsig, E., 60
 Hemmerich, P., 285, 296, 299,
 302, 304, 305
 Hemsworth, B., 106
 Henderson, W. R., 358
 Hendler, R., 330
 Heneghan, J. B., 260, 262
 Henneman, A., 344
 Heppner, G. W., 408, 411
 Heppner, R., 163
 Herberg, L., 239, 241
 Herbert, V., 221
 Herbert, W. G., 329
 Herbst, J. J., 220
 Heremans, J. F., 159
 Herman, R. H., 439, 444
 Herman, Y. F., 339
 Hermansen, L., 333
 Herrin, R. C., 157
 Herrmann, G. R., 112
 Herrmann, K. M., 29
 Hers, H.-G., 440, 448
 Hersh, L. B., 301
 Hersh, T., 262
 Hershey, J. M., 96
 Herskovic, T., 262, 265
 Hervey, G. R., 237, 241, 244
 Herzberg, M., 362
 Herzmann, J., 283
 Hesse, A., 388
 Heteny, G. Jr., 443
 Heussanstan, F. H., 58
 Hewitt, D., 263, 376, 385
 Hewitt, R. R., 287
 Heyden, S., 389
 Heywood, R., 455, 460
 Hiatt, B., 54
 Hiatt, H. H., 456
 Hickson, J. F., 329
 Hider, R. C., 33
 Hietanen, E., 214
 Hill, L. L., 80
 Hill, M. J., 271
 Hill, R. M., 80
 Hiller, J., 445
 Hiller, M. C., 28
 Himms-Hagen, J., 245-47, 249
 Hinton, C. F., 362
 Hirata, F., 101
 Hirohata, R., 299
 Hirota, S., 354
 Hirsch, J., 238, 239, 248
 Hirsch, M. J., 97, 104, 110-112
 Hitchcock, C. R., 88
 Hitchcock, P., 80
 Hiwatashi, A., 297
 Hochachka, P. W., 245
 Höchli-Kaufmann, L., 218
 Hodge, H. E., 81
 Hodges, R. E., 335
 Hodgson, J., 325
 Hodgson, S. F., 431, 432
 Hodi, R., 283
 Hoebel, B., 239
 Hoensch, H., 221
 Hoerer, E., 362
 Hoff, H. E., 87
 Hoffman, B., 161, 162
 Hoffman, D. L., 431, 432
 Hoffman, D. R., 97, 101
 Hoffman, N. E., 415
 Hoffmann, B., 352
 Hoffmann, M., 248
 Hoffmann, A. F., 404, 408, 411,
 415
 Hogberg, J., 214
 Högdahl, A.-M., 142
 Hoglund, S., 341
 Hogness, T. R., 303
 Hojniki, D., 238
 Hol, W. G. J., 293, 296, 306
 Holden, H., 385
 Holder, G. M., 199
 Hollifield, W. C., 35, 36
 Hollister, L. E., 97, 110, 111
 Hollmann, S., 455
 Holmberg, I., 220
 Holmes, P. A., 181
 Holt, J., 60
 Holta, E., 299
 Honda, M., 182
 Honohan, T., 180, 186
 Honory, K., 361
 Hoobler, S. W., 84, 88
 Hoogkamp-Korstanje, J. A. A.,
 39
 Hoopes, D., 337
 Hoppel, C., 294
 Horecker, B. L., 303
 Horgas, D., 355
 Horiike, K., 303
 Horn, G., 28, 39
 Hornady, G. J., 222
 Horowitz, H. S., 428, 429
 Horowitz, N. H., 28, 39
 Horowitz, R. E., 99, 263
 Horrobin, D. F., 416
 Horton, E. S., 240, 243, 244,
 246, 247
 Horvath, S. M., 344
 Horwitt, M. K., 192
 Horwitz, B. A., 246
 Hoshi, M., 450
 Hoshita, T., 415
 Hosokawa, Y., 403
 Hosotani, T., 266
 Houdkova, V., 283
 Houston, J. B., 218
 Houtsmuller, U. M. T., 100
 Hovi, L., 286
 Howard, A., 236
 Howard, A. N., 389
 Howard, L., 131, 140, 141
 Howard, R. A., 51
 Howley, E. T., 323, 324
 Hsia, K. C., 211
 Hsiao, K. C., 211
 Hsieh, Y. C., 365
 Hsu, J. M., 419
 Hsu, L., 48
 Hsu, W.-J., 355
 Huang, C., 412
 Huang, M.-T., 297
 Huang, Y. P., 289
 Hudick, J. P., 103
 Hudson, W. A., 109
 Hue, L., 441
 Huelteman, A. J., 185
 Hughes, J. R., 111
 Hultman, E., 333, 335-38, 343
 Hummel, D., 362
 Humphrey, J., 41, 364
 Hungerland, H., 331
 Hunt, J. N., 343
 Hunt, R., 105
 Hunt, S. M., 286, 295
 Hunter, B., 455, 460
 Hunter, J. A. A., 362
 Hunter, J. M., 48
 Hunter, R. E., 163
 Huntsman, M. E., 96
 HURLEY, L. S., 149-74; 150,
 152-58, 160-62, 164-67,
 270
 Husain, M., 292, 306
 Huser, H., 140
 Hutchison, J. B., 445
 Huttunen, J. K., 444, 458
 Huxtable, R. J., 402, 407, 409,
 410, 417, 419
 Hydaker, W., 74
 Hyde, B. C., 186, 187
 Hysert, F., 106
 Hyttén, F. E., 150
 Hyvönen, L., 438, 439, 454

 I
 Iakovleva, V. V., 417
 Iber, F. L., 452
 Ichikawa, Y., 297
 Idelson, L. I., 465
 Iga, T., 184

- Iggo, A., 104
 Iijima, S., 258
 Ikeda, M., 266
 Illingsworth, D. R., 101
 Im, W. B., 288
 Imai, Y., 212
 Imamura, M., 365
 Imfeld, T., 450
 Ingbar, S. H., 246
 Ingelfinger, F. J., 79
 Inhorn, R. C., 360
 Inoue, T., 341-43
 Inour, N., 402, 407, 416, 418
 IOANNIDES, C., 207-34; 208, 211
 Ippen, H., 362
 Iritani, N., 268
 Isaac, E., 48
 Isaacson, L. C., 81
 Isaksson, B., 125, 126, 133, 141-43
 Ishiguro, N., 31
 Isler, O., 192
 Ismail-Beigi, F., 245
 Iso, H., 357
 Isomura, N., 258
 Issawi, B., 56
 Iteslin, J., 56
 Ito, T., 250
 Ivorec-Scyllit, O., 259
 Iwata, H., 409
 Iwatsubo, M., 304
 Iyanagi, T., 212, 297, 300, 301
 Iyngkaran, N., 408
 Izsak, E., 270
 Izumiya, N., 299
- J**
- Jabiz, W., 220
 Jablonski, J. R., 112
 Jackson, F., 248, 250
 Jackson, F. E., 219
 Jackson, G. E. D., 33
 Jackson, W. P. U., 81
 Jacob, A., 446, 464
 Jacobs, A., 130
 Jacobs, F. A., 161
 Jacobs, M. M., 224
 Jacobs, P., 125, 130
 Jacobsen, J. G., 402-4, 408, 413, 414, 419
 Jakob, A., 458
 Jakobsson, S., 214
 James, I. M., 210
 James, W. P. T., 237, 246-50
 Janda, J., 283
 Janky, D. M., 362
 Janowitz, H., 241
 Jansson, B., 224
 Jansson, E. D., 334
 Jaraman, S., 216
 Jarden, C., 364
 Jaroszewicz, L., 298
 Jarrett, R. J., 242
 Jarvenpaa, A. L., 408
 Jasper, H. H., 416
 Jayarajan, P., 361
 Jelliffe, D. B., 108, 150
 Jelliffe, E. F., 108, 150
 Jen, J. J., 354
 Jencik, F., 362
 Jenden, D. J., 97, 104, 105
 Jenkins, D. J. H., 271
 Jenkins, G. N., 428, 430, 431
 Jenness, R., 151, 155
 Jennings, I. N., 389
 Jennings, S., 84
 Jennings, W. G., 159, 162
 Jensen, L. H., 293, 296
 Jensen, L. S., 96
 Jensen, O. N., 229
 Jensen, R. G., 108
 Jequier, E., 464
 Jerome, N. W., 48
 Jessen, K., 250
 Jette, M., 324, 338
 Joel, D. D., 187
 Johansen, H. L., 376, 379, 382
 John, J., 360
 John, K. V., 360
 Johnson, B. C., 385
 Johnson, B. E., 362
 Johnson, C. L., 342
 Johnson, G., 111
 Johnson, H. L., 328-30
 Johnson, J. D., 48
 Johnson, K. A., 431, 432
 Johnson, M. L., 242
 Johnson, P. E., 161, 165
 Johnson, P. R., 238, 250
 Johnson, R. E., 329, 330
 Johnston, B. F., 49, 51
 Johnstone, R. M., 106
 Jolly, C. J., 53
 Jones, J. H., 185
 Jones, T., 298
 Jones, W. O., 49
 Joosens, J. V., 380
 Jope, R. D., 105
 Jordan, H. A., 58
 Jordan, H. V., 444
 Jordan, S. M., 153
 Jordan, S. R., 293, 296
 Jori, A., 222
 Jorns, M. S., 299, 301
 Jorswieck, I., 107
 Joseph, D., 239, 241, 242
 Joseph, L., 452
 Jowsey, J., 431
 Joynt, R. J., 111
 Juchau, M. R., 221, 226
 Jukes, T. H., 96
 Jung, R. T., 246, 248-50
 Jungalwala, F. B., 360
 Jungas, R. L., 245
 Juri, N., 286
 Jus, A., 110
 Jus, K., 110
 Jusko, W. J., 287, 288
- K**
- Kadner, R. J., 32, 33
 Kafri, I., 98, 99
 Kagan, A., 82
 Kagan, A. R., 389
 Kagan, L. J., 338
 Kahn, R. L., 111
 Kaijser, L., 333
 Kaiser, K. P., 357
 Kaita, A. A., 104
 Kalkie, Y., 299
 Kaldor, I., 153, 159, 160, 164
 Kalich, J., 229
 Kalk, K. H., 293, 296, 306
 Kallio, A.-K., 444, 446
 Kalmanson, G. M., 42
 Kalsi, H. K., 216
 Kamath, S. K., 361
 Kamdar, L. D., 362
 Kameda, C., 112
 Kameda, H., 452
 Kametaka, M., 260
 Kamin, H., 296-98, 301, 304-6
 Kamm, J. J., 217, 225
 Kan, D., 260, 267
 Kan, D. F., 261, 265, 266
 Kanarek, R. B., 248
 Kandel, R. F., 48, 58
 Kanematsu, H., 365
 Kane-Nussen, B., 58, 59
 Kanfer, J., 100
 Kannel, W. B., 82, 238
 Kanner, J., 357
 Kanzaki, M., 265
 Kao-Chen, S. M., 226
 Kapeller-Adler, R., 299
 Kaplan, J. C., 295, 297
 Kaplan, M. L., 242, 248
 Kaplan, M. N., 389
 Kaplan, N. O., 291
 Kapp, J., 111, 112
 Kappas, A., 211, 216
 Kappler, E., 48
 Kara, R., 156-58
 Karawya, M. S., 365
 Karczmaz, A. G., 110, 111
 Karel, M., 365
 Kark, R. M., 445
 Karle, E. J., 461
 Karlsson, J., 333, 343
 Karmall, R. A., 416
 Karmarkar, M. G., 156
 Karmazyn, M., 416
 Karrer, P., 293
 Karte, H., 159
 Karunajewwa, H., 362
 Karvonen, M. J., 384

488 AUTHOR INDEX

- Kasai, S., 285, 286, 292-94, 296
 Kasperck, G. J., 328
 Kass, E. H., 362
 Kasten, B. L., 224
 Katayama, T., 354, 362, 367
 Kates, M., 100
 Kato, R., 215-17
 Katovich, M. J., 246
 Katyal, S. L., 109
 Katz, J., 247, 262, 265
 Kaufman, D. G., 219
 Kaufman, M., 57
 Kaur, B., 357
 Kavanagh, T., 340
 Kawachi, T., 182
 Kawashima, S., 463, 464
 Kaway, Y., 262
 Kay, G., 127
 Kayden, H. J., 362-64
 Kaye, C. M., 210
 Kazarianoff, M. N., 292, 299
 Kean, E. A., 295
 Keefe, R. C., 106
 Keeley, L. L., 261, 265, 266
 KEEN, C. L., 149-74; 150,
 152-58, 160-62, 164-67
 Keen, H., 242
 Keen, P., 407
 Keovil, T., 298
 Keiding, N. R., 184
 Keil, J. E., 385
 Keil, U., 377
 Keimer, L., 49
 Keith, N. M., 88
 Keitzer, W. A., 388
 Kekomäki, M. P., 443
 Kelderbacher, S. D., 331
 Kelleher, J., 214
 Keller, H. I., 338
 Keller, V., 446, 464
 Keller-Schierlein, W., 33
 Kellogg, T. F., 259, 268, 269
 Kelly, H. J., 150
 Kelly, P. J., 431, 432
 Kelman-Cohen, I., 270
 Kemal, C., 305
 Kemberling, S. R., 150, 152,
 154, 155, 158
 Kemmerer, A. R., 419
 Kemp, E. L., 101
 Kemp, P., 263
 Kempf, E., 412
 Kempner, W., 88
 Kendall, D. S., 293, 296
 Kendrick, A. Z., 418
 Kenmochi, K., 299
 Kennedy, A. J., 407
 Kennedy, B. W., 48
 Kennedy, E., 221
 Kennedy, E. P., 96, 101, 103
 Kennedy, J., 298
 Kennedy, T. J. Jr., 85
 Kenney, T. J., 415
 Kenney, W. C., 283, 284, 298,
 299, 304
 Kensler, C. J., 102
 Kent, G. N., 220
 Keresztesy, J. C., 297
 Kerr, C. T., 298
 Kessler, K., 331
 Kessler, P. D., 105
 Kesten, H. D., 112
 Ketola, H. G., 96
 Kewenter, J., 128
 Keyes, P. H., 445
 Keys, A., 238
 Khaleque, K. A., 56
 Khalil, J. K., 354
 Khan, I., 354
 Khan, N. A., 354
 Khanna, N., 287
 Khattak, B. Z., 221
 Khazin, A. F., 109
 Khera, K. S., 176, 181, 183
 Khor, H. T., 270
 Khoury, K. A., 262
 Khurana, V., 152
 Kibe, A., 415
 Kido, R., 299
 Kienzie, F., 354
 Kieschke, K., 303
 Kikkawa, Y., 103
 Kilbom, A., 341
 Killingley, M., 198
 Kilts, C. D., 184
 Kim, D. J., 270
 Kim, H.-J., 297
 Kim, K. S., 354
 Kim, S., 299
 Kim, Y. B., 270
 Kimbrell, G. M., 58
 Kimura, K. K., 438, 444
 Kimura, T., 297, 304
 Kincade, P. W., 269, 270
 Kincaid, J. P., 83, 84
 King, K. R., 241
 King, R. L., 159, 162
 King, S. M., 453, 456, 458
 King, T. E., 304
 Kinney, J., 452
 Kinoshita, J. H., 458
 Kiran, B. K., 111
 Kirchgessner, M., 157
 Kiriya, S., 181
 Kirkeby, K., 59
 Kirksey, A., 157
 Kirsch, J., 444
 Kirschman, J. C., 181
 Kissileff, H. R., 241, 248
 Kissinger, P. T., 210
 Kistler, W. S., 299
 Kiyasu, J. Y., 100
 Klatt, T. J., 217
 Klawans, H. L., 110
 Kleiber, M., 236, 249
 Klein, D. C., 407
 Klein, H., 335
 Klein, P. D., 408
 Kleinbaum, H., 152, 154
 Klekotka, S. J., 418
 Kleith, J., 408
 Kling deMoraes, G. H., 354
 Klipstein, F. A., 222
 Kloch, M. H., 262
 Klug, T. L., 261
 Kluger, M. J., 42
 Klurfeld, D. M., 112
 Knight, C. G., 48
 Knight, P. L., 260, 261, 265,
 266
 Knobloch, E., 283
 Knoche, J. P., 338
 Knoll, J., 296
 Knopf, K., 403-5, 408, 410,
 411, 413
 Knowles, H. C. Jr., 362
 Knowles, J. P., 221
 Knutrud, O., 80
 Knutsson, K. E., 57
 Kobayashi, F., 180
 Kobayashi, I., 258
 Kobayashi, J., 376, 377
 Kobayashi, K., 357
 Kobayashi, N., 184
 Kobayashi, R., 258
 Kobayashi, Y., 340
 Kobusiewicz, M., 56
 Kochan, I., 41
 Kocsis, J. J., 407, 409, 418
 Kodicek, E., 220
 Kohler, G. O., 355
 Kohout, P. M., 283
 Koike, T., 262
 Koirtiyohann, S. R., 377
 Koivistoinen, P., 438, 439, 454
 Koli, A. K., 297
 Kollias, J., 321
 Kon, S. K., 150, 159
 Konisky, J., 33
 Kopsa, H., 459
 Kornbrust, D. J., 221
 Koropatnick, D. J., 225
 Korslund, M. K., 329
 Korts, D. C., 429
 Korttila, K. K., 465
 Kosaka, K., 458
 Kostos, V. J., 407, 409
 Kotake, Y., 265, 266
 Kotterman, O. G., 446
 Kovaru, F., 270
 Kovess, V., 60
 Kowalski, M., 106
 Koyama, I., 416
 Kozeny, V., 362
 Koziol, J., 284
 Kraemer, L. A., 376, 432
 Kral, J. G., 238
 Kramer, J., 417
 Kramer, P., 79

- Kramer, R. E., 218
 Krane, R. K., 443
 Krantz, C., 185, 197
 Kratzer, F. H., 165
 Kratzing, C. C., 96, 112
 Krause, R. F., 218
 Krawczyk, A., 289
 Krocová, H., 354
 Krebs, H. A., 443, 457
 Krebs, M. E., 88
 Krehl, W. A., 335
 Krejčí, L., 367
 Krejsi, R., 335, 338
 Kretschmer, N., 48
 Krider, J. L., 96
 Krijnen, C. J., 215
 Krinsky, N. I., 352, 363, 364
 Krishna Kumari, V. K., 61
 Krishna Murti, C. R., 417, 419
 Krishnaswamy, K., 208
 Kritchevsky, D., 112
 Krstulovic, A., 365, 366
 Krupa, V., 215
 Krupp, P. P., 243, 247
 Kubo, Y., 286
 Kuczler, F. J., 98
 Kuenzig, W., 217
 Kueter, K., 217
 Kuhar, M. J., 105
 Kuhfahl, E., 456, 465
 Kuhn, I. N., 127, 128, 131
 Kühnau, J., 192
 Kuichi, K., 283
 Kuitunen, P., 152, 154, 156-58
 Kukuyama, M., 284
 Kulakowski, E. C., 409
 Kulkowski, J. A., 220
 Kuller, L. M., 81
 Kumpulainen, E., 419
 Kuntzman, R., 211, 212
 Künzel, W., 429, 430
 Kuo, M. T. H., 357
 Kurahashi, M., 250
 Kuramoto, R., 185
 Kuramoto, T., 415
 Kurata, H., 180
 Kurimoto, K., 266
 Kuriyama, K., 410, 416-18
 Kuroda, R., 33
 Kuroshima, A., 250
 Kuster, E., 258, 270
 Kutt, H., 166, 222
 Kuzava, J. M., 182-85
 Kuznický, D. D., 355
 Kyoguku, Y., 292
- L
- Labadarios, D., 221, 222, 226
 Labeyrie, F., 304
 Lacey, R. F., 390
 Lachance, P. A., 363
 Lachance, R., 110
- Lachman, L., 185
 Lack, L., 408, 415
 Lafferman, J. A., 184
 Lageur, G. L., 271
 Lahdesmaki, P., 419
 Laitinen, M., 214, 215
 Lajtha, A., 103
 Lake, N., 408
 Laker, M. F., 453
 Lakshmanan, M. R., 358, 360, 361
 Lakshminarayana, S., 354
 Laktinen, A., 457, 462
 Lam, L. K., 211
 Lamb, A. J., 419
 LAMBETH, J. D., 281-317; 297, 301, 304
 Lamden, M. P., 219
 Lamprecht, W., 444
 Lamson, G. G., 428
 Landaw, S. A., 128, 129, 163, 164
 Landen, W. O. Jr., 365
 Landes, R., 388
 Landsberg, L., 245
 Lang, J., 247
 Lang, K., 450, 455, 456, 464
 Lang, M., 214
 Lang, V. M., 59
 Langdon, R. G., 290, 291
 Langemann, H., 102
 Langford, H. G., 380
 Langman, L., 35
 Lankford, C. E., 28, 41
 Lantin, E., 457, 459
 Laroche, M. J., 262
 Larsen, J. C., 196
 Larson, R. H., 445
 Larsson, A., 298
 Larsson, S. E., 381
 Laskawy, G., 357
 Laszlo, T., 362, 367
 Latham, C., 164
 Latymer, E. A., 266
 Laubusch, E., 74
 Laufer, B., 55
 Laundry, R., 266
 Laurent, J., 432
 Lauterwein, J., 304
 Lautner, V., 367
 Lawrence, J., 339
 Lawrence, J. D., 221, 222
 Lawrence, J. R., 459
 Lawson, A. M., 459
 Layrisse, M., 125-28, 130-33, 135, 138, 139, 141-43
 Lazar, J., 362
 Lazar, V. A., 153, 157
 Lazarus, L. W., 111
 Leat, W. M. F., 263
 Ledig, M., 408
 Lee, C. J., 264
 Lee, H. A., 450, 451
- Lee, M., 248
 Lee, R. B., 54, 55
 Lee, R. G., 362
 Lee, S. C., 453
 Lee, T.-C., 355, 357, 362
 Lee, T. H., 354
 Lee, Y. C., 354
 Leets, I., 126, 141
 LeFebvre, M. E., 187
 Légglise, P., 268
 Le Gros Clark, F., 48
 Lei, K. Y., 222
 Leibman, A. J., 402, 405, 416
 Leichter, L., 221, 222
 Leigh, L., 159, 166
 Leijid, B., 415
 Leino, T., 457, 458
 Leil, G., 81, 84, 88, 89
 Lekim, D., 100
 Lem, M., 160, 164
 Lemotne, G., 84
 Lemon, P. W. R., 331, 332
 Lemonnier, D., 239, 241
 Leonard, W. J. Jr., 186
 Leong, J., 32
 Leopold, A. C., 53, 54
 Lepkovsky, S., 262
 Leppington, I. M., 237
 Leprince, C., 262, 268
 leRiche, W. H., 376
 Leroux, A., 297
 Leslie, A. J., 164
 Leslie, P., 323
 Leuthco, E. J., 185
 Leung, W.-T. W., 364
 Leutenegger, A. F., 466
 Lev, M., 260, 264
 Leveille, G. A., 242, 246, 248
 Levenson, S. M., 99, 260, 263, 266, 267, 271, 272
 Levin, H. S., 111
 Levin, J., 127
 Levin, S. E., 200
 Levin, W., 212
 Levins, G. A., 448
 Levison, J. C., 220
 Levitan, H., 184
 Levitsky, D. A., 238, 241
 Leviitt, M. D., 458
 Levitz, L. S., 58
 Levy, A., 38
 Levy, G., 218, 287, 288
 Levy, R. I., 320
 Lewellen, O. R. W., 210
 Lewin, K., 48
 Lewin, M. R., 223
 Lewis, S., 335
 Ley, A., 159, 160
 Lhermitte, F., 111
 Lhoste, J.-M., 296, 304, 306
 Li, H.-L., 50
 Li, J., 107
 Llaen-Jensen, S., 354, 355

- Liang, H., 443
 Liappis, N., 331
 Lichev, P., 354
 Licklider, K. F., 161
 Lidsky, A. A., 406, 412
 Liebelt, A. G., 238
 Liebelt, R. A., 238
 Liebold, F., 334, 335
 Light, D. R., 292, 293, 304
 Lillie, R. D., 96
 Lin, E. C., 438
 Lin, M. H., 246
 Lind, J., 51
 Lindberg, M., 221
 Lindblad, L., 101
 Lindemann, R. D., 377
 Linderbaum, J., 221
 Lindmar, R., 111
 Lindquist, H. G., 155
 Ling, E. R., 159
 Linscheer, W., 112
 Lipsinska, H., 362
 Lipsinski, J. F., 111
 Lippas, A. S., 110
 Lipschitz, D. A., 127
 Lipton, M. A., 184
 Litman, I. I., 159, 162
 Litterst, C. L., 218
 Liu, L.-L., 357
 Liu, Y. K., 354
 Livingston, A. L., 355
 Loach, P. A., 284
 Locascio, S. J., 366
 Loerch, J. D., 361
 Loeschke, H. H., 111
 Loffelholz, K., 111
 Logan, W. J., 184
 Logue, M., 97, 98
 Loh, T. T., 153, 156, 159, 160
 Lohman, D., 334, 335
 Lombardi, B., 96, 109
 Lombardini, J. B., 415
 Longman, D., 112
 LONNERDAL, B., 149-74;
 150-62, 164-67
 Lopez, H., 445, 453, 461
 Lopez-Colome, A. M., 402, 417
 Loprieno, N., 188
 Loret, V., 49
 Lorette, C., 403
 Losowsky, M. S., 214
 Lostanlen, D., 297
 Lotfi, M., 237, 243
 Lotter, E. C., 244
 Lotthammer, K. H., 352
 Loub, W. D., 211
 Louria, D. B., 283
 Lourie, G., 129, 163
 Love, R. A., 70, 76, 77, 81,
 82
 Love, R. H., 282
 Lovenberg, W., 418
 Lovius, B. B. J., 430
 Lowry, O. H., 282, 283, 288,
 294, 407, 408
 Lu, A. Y. H., 212, 297
 Lucas, E. G., 221, 222, 226
 Lück, H., 184, 185
 Luckey, M., 32, 34
 Luckey, T. D., 258, 263
 Lucy, J. A., 214
 Ludwig, D., 159, 160
 Ludwig, M., 297, 300
 Ludwig, M. L., 293, 296
 Luft, D., 217, 218
 Luh, B. S., 354
 Lui, N. S. T., 364
 Luick, J. R., 159, 162
 Luisada-Opper, A. V., 289
 Luke, R. K. J., 35, 41
 Lulovich, M. V., 109
 Lund, M., 219, 220
 Luoma, H., 384, 432
 Lynch, M., 217
 Lynch, M. J., 447, 459
 Lynch, S. R., 125, 128, 130,
 131
 Lysenko, A. Y., 465
 Lysons, R. J., 263

M
 Maagdenberg, H. J., 84
 Macaione, S., 408
 MacCallum, A. B., 70, 417
 MacDonald, I., 444
 Macdonald, I. A., 237-39
 MacDougall, J. D., 334
 Machado, A. L., 103
 Machlin, L. T., 452
 Mack, G., 412
 Mackay, D. A. M., 449
 Mackenzie, C. G., 298
 MacKenzie, R. E., 301
 Macleod, J. J. R., 96
 MacMillan, J. M., 180, 186
 MacNeish, R. S., 54
 Mac Phail, A. P., 127
 MacPherson, H. A., 48
 Macy, I. G., 150
 Mader, P., 362
 Madhavan, T. V., 215, 224
 Madhok, T. C., 220
 Madsen, D. C., 262, 268, 269
 Maeder, E., 464
 Mäenpää, P. H., 443
 Mager, H. I. S., 305
 Magil, S. G., 97, 98
 Magnusson, B., 126-28, 142
 Magnusson, B. E. O., 128
 Magnusson, G., 455
 Mahalabis, D., 270
 Mahaley, M. S., 111, 112
 Mahanram, M., 361
 Mahmood-Ul-Hassan, 357
 Maida, T., 304
 Mailander, B., 282
 Mailman, R. B., 184
 Major, E., 239, 241
 Makdani, D., 70, 75, 83, 86, 87
 Makhija, S. Jr., 216
 Mäkinen, K. K., 444, 450,
 455-59, 461-63
 Mäkinen, S. M., 156-58
 Makinodan, T., 269
 Makishima, R. K., 270
 Mal'Chikova, L. S., 409
 Malek, M. A., 363
 Mallette, M. F., 289
 Mallia, A. K., 360
 Malm, O. J., 99, 263
 Maloney, C. M., 388
 Mandel, J. S., 376, 385
 Mandel, L., 270
 Mandel, P., 402, 408, 412, 416
 Manigault, I., 103
 Manjrekar, S. P., 357
 Manku, M. S., 416
 Mann, G. V., 415
 Mann, P. J. G., 102
 Mann, S. P., 105, 106
 Mannervik, B., 298
 Mannhart, H., 466
 Mantovani, J., 404
 Marable, N. L., 329
 Marcellis, J. H., 39
 March, S. C., 218
 Marchbanks, R. M., 105
 Margaria, R., 323
 Margen, S., 328, 388
 Maricq, J., 360
 Marier, J. R., 378, 381, 382,
 386
 Mark, D. A., 270
 Markovitz, D., 419
 Marks, V., 222
 Marley, E., 295
 Marmion, D. M., 197
 Marney, S. R., 132
 Maron, M. B., 344
 Marosi, I., 450
 Marples, E. A., 100
 Marselos, M., 215
 Marsh, A. C., 355, 361-63
 Marshall, J., 408
 Marshall, L., 54
 Marshall, M. V., 224
 Marthaler, T. M., 461
 Martin, E. W. Jr., 453
 Martin, M. T., 161
 Martin, W. G., 403
 Martin, W. J., 450
 Martinez, C., 127, 128, 131
 Martinez, J., 220
 Martinez, P., 291
 Martinez, W. M., 80
 Martinez-Torres, C., 125, 126,
 128, 130-33, 135, 138, 139,
 141-43

- Maruga, N., 297
 Maruhama, Y., 463, 464
 Maruyama, T., 365
 MASIRONI, R., 375-400; 376,
 377, 385, 386
 Maslow, A. H., 48
 Mason, H. S., 212, 297, 298,
 300, 301
 Massari, P., 101, 105
 Massey, V., 292-94, 296, 298,
 299, 302-6
 Masson, P., 159
 Masson, P. L., 159
 Masterd, W., 341
 Masters, B. S. S., 301, 304
 Masuoka, M., 284
 Matheson, R. T., 220
 Mathews, R. F., 354, 366
 Mathews-Roth, M. M., 195,
 362
 Mathur, R. L., 408
 Mathur, S. N., 362, 364
 Mathur, V. S., 216
 Matoush, L. O., 341
 Matsai, K., 285, 286
 Matschinsky, F., 443
 Matsui, K., 284, 286, 292-94,
 296
 Matsuki, T., 297
 Matsukura, N., 182
 Matsumoto, H., 182
 Matsushima, T., 182
 Matthews, D. M., 221
 Matthews, R. G., 304
 Mattila, M. A. K., 465
 Mattson, R. H., 222
 Matzkies, F., 451, 459
 Maurg, I.-Y., 196, 197
 Mavis, R. D., 221
 Mawson, R., 243, 247
 Mayberry, R. H., 456
 Mayer, H., 354
 Mayer, J., 58, 242, 244
 Mayer, L. D. V. H., 58
 Mayersohn, M., 287
 Mayes, P. A., 444
 Mayet, F., 125, 128, 130
 Mayhew, S. G., 285, 292, 297,
 299, 300
 Mazur, A., 164
 Mazurier, J., 164
 Mazzaferrri, E. L., 453
 Mbaya, V., 200
 McAnally, J. S., 359
 McBean, L. D., 267
 McCaa, R. E., 84, 89
 McCabe, L. J., 377
 McCaman, R. E., 103
 McCammon, C. S., 74
 McCance, R. A., 130, 131, 153,
 164
 McCandless, R. J., 29
 McCarthy, M. C., 242
 McCaslin, D. R., 304
 McCauley, R., 291
 McChesney, E. W., 216
 McClure, F. J., 428, 429
 McCormack, P., 53
 McCORMICK, D. B., 281-317;
 283, 286-94, 296, 299, 301,
 303, 456
 McCracken, K. J., 243, 247
 McDaniel, E. G., 263, 264,
 266, 267, 271
 McDavid, S., 164
 McDonald, F. G., 74
 McDonald, G., 101
 McDowell, F. H., 222
 McElhaney, G., 32
 McEniery, T. M., 429
 McFarlane, M. G., 100
 McGanity, W. J., 383
 McGeer, E. G., 110
 McGeer, P. L., 110
 McGhee, J. R., 166
 McGlassor, W. B., 354
 McGovern, G., 82
 McHenry, E. W., 96
 McHugh, P. R., 343
 McIntire, J. M., 97
 McIntire, W., 283-85
 McIntosh, M. A., 36, 40
 McKay, D., 244
 McKay, F. S., 428
 McKibben, J. M., 96
 McLardy, T., 412
 McLaren, D. S., 61, 352
 McLean, A. E. M., 215
 McLean, E. K., 215
 McLeod, B. E., 155, 158
 McMahon, K. E., 108
 McMillan, J. A., 128, 129, 163,
 164
 McNamara, P. M., 82
 McNutt, K. W., 438
 McQuarrie, I., 84, 88
 McQueen, J., 105, 111
 Mead, W., 48
 Meade, T. W., 271
 Meadow, S. R., 222
 Medcalf, G. W., 429
 Medhurst, C., 341
 Medina, E. V., 415
 Meggos, H., 176, 186, 187
 Mehnert, H., 441, 463
 Mehta, S., 216
 Meinen, M., 288
 Meinwald, J., 187
 Meister, A., 298
 Mejean, C., 268
 Mela, L., 295
 Melander, A., 111
 Mendel, H., 357
 Mendez, J., 321, 325, 326
 Mendis, D., 183
 Mendis, T., 111
 Meneely, G. R., 70, 74, 77, 81,
 82, 84, 87-89
 Menendez, C., 290
 Meng, H. C., 450, 455, 458
 Menotti, A., 377
 Mercer, W. A., 84
 Meriggi, G., 188
 MERRILL, A. H. Jr., 281-317;
 286, 288-94, 296
 Merritt, T. A., 109
 Mertens-Rosler, E., 222
 Mertz, W., 142, 383
 Meslin, J. C., 259, 260, 262
 Metzler, D. E., 283, 286, 301
 Meunier, P. J., 432
 Meurman, J. H., 384, 432
 Meuther, R. O., 97
 Meyer, E., 443
 Meyer, H., 352
 Meyer, L. J., 441
 Meyer, T. H., 355
 Meyers, D. H., 377
 Mezecevic, J., 362
 Mgbodile, M. U. K., 216
 Michael, U. F., 96, 112
 Michaelides, M. C., 289
 Michaelis, L., 303
 Mickelsen, O., 70, 75-77, 83,
 84, 86, 87, 238, 239, 263
 Miesch, A. T., 386
 Mii, S., 283
 Mikkelsen, H., 196
 Mikolasek, A., 362
 Miles, L. E. M., 127
 Miller, A. L., 111
 Miller, B. G., 247
 Miller, D. S., 238, 241, 243,
 247, 249
 Miller, E., 362-64
 Miller, J. I., 48
 Miller, J. M., 333-35, 337
 Miller, M. S., 289
 Miller, O. N., 262, 453, 459
 Miller, R. W., 298
 Miller, S. T., 166
 Miller, W. J., 157
 Millward, E., 450
 Milner, G., 221
 Minnaugh, E. G., 218
 Min, B. H., 211
 Minakami, S., 465
 Minegishi, K.-I., 182
 Miner, D. J., 210
 Miniats, O. P., 260, 262
 Minkowski, O., 445
 Minnich, V., 126, 138, 139
 Miracle, M. P., 49
 Miranda, C. L., 219
 Mirkin, G., 338
 Mirvish, S. S., 225
 Misch, D. W., 288
 Misgeld, L. L., 104
 Mishnayoth, 50

492 AUTHOR INDEX

- Mitbender, V. B., 97
 Mitchell, R. D., 48
 Mito, H., 299
 Mittag, T. W., 105
 Miwa, G. T., 297
 Miyakawa, M., 258, 265
 Miyake, Y., 284
 Miyamoto, S., 83
 Mizushima, S., 36
 Modlin, M., 81
 Moffatt, R. J., 289
 Moghissi, K. S., 222
 Mohammad, N., 357
 Mole, P. A., 329, 330
 Mondino, A., 188
 Monier, M., 197
 Monsen, E., 125, 126, 130, 131
 Monsen, E. R., 130, 131, 142
 Montegriffo, V. M. E., 59
 Montgomerie, J. Z., 42
 Montgomery, E., 48
 Montoye, H., 327
 Montreuil, J., 164
 Mookerjee, S., 96
 Mookerjee, B., 106
 Moon, R. C., 225
 Moore, C. V., 124, 126, 128,
 130, 131, 138, 139, 141
 Moore, D. G., 41
 Moore, F. D., 452, 453
 Moore, T. D., 383
 Moorhouse, J. A., 445
 Moran, T. H., 343
 Mordasini, R., 82
 Morgan, A. G., 450, 451
 Morgan, E. H., 152, 153, 157
 Morgan, J. B., 242
 Morgan, R. O., 416
 Morgan, T. B., 451
 Morganstern, R. D., 101
 Mori, T., 266
 Mori, Y., 208
 Morin-Grimard, Y., 51
 Morishige, W. K., 246
 Morita, T. N., 452
 Moritani, M., 299
 Morotimi, M., 262
 Morris, E. R., 131
 Morris, J. G., 403, 415
 Morris, J. N., 376, 385, 390
 Morris, M. P., 295
 Morris, R. C. Jr., 443
 Morse, L. M., 59
 Morson, B. C., 271
 Morton, M., 385
 Mosbach, E. H., 415
 Moshell, A. N., 362-64
 Moshy, R. H., 70, 72, 77
 Moskovitz, M., 271
 Moskowitz, H. R., 439, 452,
 454
 Motoyama, E. K., 109
 Mottur, G. P., 33
 Moynahan, E. J., 160
 Muazzam, M. G., 56
 Mueller, R. A., 104, 184
 Muhilal, H., 359
 Muhiudeen, H., 48
 Mühlemann, H. R., 450, 461
 Mukherjee, K. L., 270
 Mukherjee, T. M., 459
 Mukhtar, H., 219
 Mulcahy, R., 377
 Mulford, D. J., 102
 Muller, F., 292, 293, 296, 305,
 306, 456, 465
 Muller, H. F., 111
 Müller, R., 388
 Müller, R. K., 354
 Mullin, J. P., 331, 332
 Mumford, P., 242, 243, 247
 Munch-Peterson, S., 154, 157
 Munita, P., 84
 Muniyappa, K., 289, 290
 Munro, I. C., 176, 181, 183
 Murakami, T., 283, 284
 Murata, K., 155
 Murlis, J., 60
 Murray, A. B., 152, 156
 Murray, F. A., 289
 Murray, G. J., 33
 Murray, J. J., 429
 Murray, M. B., 152, 156
 Murray, M. J., 152, 156
 Murray, N. J., 152, 156
 Murray, T. B., 51
 Murthy, G. K., 152, 154, 157,
 162
 Murthy, U. S., 289
 Murthy, V. S., 199
 Mutalib, A. M., 363
 Mutch, P. B., 155, 158

 N
 Nachmansohn, D., 103
 Naegeli, H.-U., 33
 Naewbanij, J., 419
 Nagami, H., 184
 Nagamine, J., 288
 Nagao, M., 182, 208
 Nagaoka, S., 304
 Nagelschneider, G., 296
 Nagler, A. L., 263
 Nahas, G. G., 458
 Nahrwold, D. L., 98
 Naidu, A. M., 208
 Nair, M., 270
 Nakagawa, H., 284, 299
 Nakagawa, K., 410, 418
 Nakayama, T. O. M., 355, 357
 Nara, Y., 418
 Narayana Rao, M., 364
 Narisawa, T., 225
 Nason, A. P., 383
 Nasrallah, S. M., 452
 Nassi, L., 152, 154
 Natesan, V., 357
 Nath, N., 415
 Natow, A. B., 56
 Nauss, K. M., 270
 Navia, J. M., 445, 453, 461
 Nayman, R., 108
 Nazar, K., 334
 Nazareno, J. P., 80
 Neal, J. B., 389
 Neal, M., 389
 Neale, G., 220
 Neamtu, G., 362, 367
 Nebert, D. W., 208
 Neelon, V. J., 415
 Neely, J. R., 418
 Negishi, T., 108
 Negrin, R. S., 33
 NEILANDS, J. B., 27-46; 27,
 28, 31-36, 38-41
 Nelson, J. F., 80
 Nelson, R., 447
 Nelson, R. A., 328-30, 341
 Neri, L. C., 376, 378, 379, 381,
 382, 385, 386
 Nerurkar, L. S., 216
 Nesheim, M. C., 96
 Nestel, P. J., 335
 Nettersheim, P., 218, 225
 Neumann, R. O., 242, 243
 Nevitt, G. A., 428
 New, P. K.-M., 58
 Newberne, P. M., 209, 219,
 223-26
 Newbrun, E., 428, 432, 445,
 449
 Newman, J. L., 48
 Newsholme, E. A., 245, 247
 Newstead, D. F., 362
 Newton, D. L., 225, 358
 Newton, M., 151
 Newton, W. L., 263
 Nicholls, D. G., 245
 Nicol, P., 246
 Nicolosi, R. J., 403, 404, 408,
 411
 Niedermair, W., 74
 Nieuwenhuizen, W., 99, 100
 Nigon, K., 443
 Nigro, N. D., 223
 Niinimaa, V., 324
 Nijkraak, H. G. M., 248
 Nikaido, H., 30
 Nikkila, E. A., 332, 444, 446
 Nilsson, A., 101
 Nilsson, L., 142
 Nilsson, L. H., 335, 343
 Nilya, I., 365
 Ninomiya, H., 465
 Nishi, Y., 166, 167
 Nishikimi, M., 283, 284, 292
 Nishimoto, Y., 299
 Nishimura, H., 83, 165

- Nishino, T., 293
 Nishiyama, K., 357
 Nishizumi, M., 226
 Noakes, D. N., 455, 460
 Nobile, S., 287
 Noda, H., 105
 Noguchi, E., 283, 284
 Noguchi, T., 299
 Nomura, T., 260
 Noonan, J., 188
 Noonan, J. E., 176, 186, 187
 Norgan, N. G., 240, 244, 340
 Noriskin, J. N., 57
 Norman, A., 267, 268
 Norman, G. M., 362
 Norrby, A., 133, 141, 143
 Norred, W. P., 214
 Norrod, P., 39
 North, B. B., 59
 Norum, K. R., 112
 Novin, D., 241
 Nowicki, S., 187
 Nuki, G., 441
 Nuseibeh, I., 388
 Nutman, C. A., 182
 Nutt, J. G., 111
 Nuttal, G. H. F., 258
 Nyhan, W. L., 80
- O
- Oakes, G. K., 103, 109
 Oberleas, D., 222
 O'Brien, D. E., 286, 301
 O'Brien, I. G., 34, 38
 O'Brien, J. T., 246
 O'Brien, P. J., 300, 301
 Obuwa, G. H., 221, 222, 226
 O'Connell, M., 246
 Odell, A. C. F., 328
 Odum, G. L., 111, 112
 O'Donnell, J. A. III, 403, 415
 O'Dorisio, T. M., 453
 Oelz, O., 446
 Oestricher, G., 294
 Ofer, S., 38
 Ofner, A., 360
 Ohira, V., 340
 Ohishi, N., 283, 285
 Ohneda, A., 463, 464
 Ohnishi, T., 304
 Ohno, T., 250
 Ohshima, T., 403, 408
 Ohtake, M., 165-67
 Oka, C., 31
 Okey, A. B., 208
 Okuda, J., 288, 292
 Okumura, J., 263
 Okumura, M., 288
 Olai, A. J., 431, 432
 Oldendorf, W. H., 104, 109, 110
 Olefsky, J. M., 446
- Olesen, O. V., 222
 Olkinuora, M., 419
 Olsen, F. C., 84
 Olson, G. B., 260, 269
 Olson, J. A., 358, 360-62
 Olson, L. C., 270
 Olson, R. E., 112
 Olsson, E., 133, 141, 143
 Olubadewo, J., 103, 107
 O'Mahony, M., 48, 80
 Omaye, S. T., 218
 Omiecinski, C. J., 226
 Omura, H., 298
 Oncley, J. L., 363, 364
 Ondarza, R. N., 298
 Ong, S. A., 34, 40, 41
 Onishi, H., 454
 Onoda, K., 215
 Onoe, K., 270
 Oomen, H. A. P. C., 352
 Orlando, P., 101, 105
 Orloff, J., 85
 Orme-Johnson, N. R., 220
 Orr, H. T., 407, 408
 Ortaliza, I. C., 363
 Osadca, M., 452
 Osborn, T. W. B., 57
 Osborne, R. H., 376, 390
 Oscari, L. B., 242
 Oshima, T., 215-17
 Oshinsky, R. J., 457, 459
 Osianu, D., 357
 Osio, T., 48
 Oski, F. A., 128, 129, 163, 164, 167
 Osserman, E. F., 289
 Oster, P., 82
 Osterberg, A. E., 88
 Ostrowski, M. C., 299
 Ostrowski, W., 289
 Otani, S., 285, 286
 Otey, M. C., 271
 Otteson, K. M., 186
 Otto, W. R., 247
 Ou, S. Y. L., 460, 464
 Oude, A. J. M., 248
 Overstall, P. W., 111
 Owen, C. A., 166, 408
 Ozawa, N., 180
 Ozone, K., 262
- P
- Packham, R. F., 390
 Padilla, A. M., 294
 Pagan, C., 295
 Pageau, R., 208
 Pai, E. F., 293, 294, 296, 305
 Paik, W. K., 299
 Palmer, G., 296, 298, 302, 304
 Palmieri, R. P., 55
 Palo, J., 453
 Pan, Y. J., 84, 89
- Pangborn, R. M., 48, 56, 61
 Pantuck, C. B., 211
 Pantuck, E. J., 211
 Papavasiliou, P. S., 166
 Paquette, M. B., 57, 59
 Parameswaran, S. N., 241
 Parcels, J., 297
 Pardini, R., 444
 Pardini, R. S., 444
 Pardo, V., 96, 112
 Pardridge, W. M., 104, 109
 Parihar, D. B., 357
 Park, C. R., 443
 Park, J. R., 354
 Parkash, S., 151, 155
 PARKE, D. V., 207-34; 209, 211, 221, 222, 226
 Parker, J., 80
 Parker, L., 338
 PARKINSON, T. M., 175-205; 180, 183, 186
 Parmar, A. S., 182-85
 Parmentier, G. G., 263, 268
 Parniak, M. A., 33
 Parr, R. B., 323
 Parrish, D. B., 357
 Parrish, J., 362
 Parsell, Z., 31
 Parthasarathy, S., 100
 Pasantes-Morales, H., 402, 416, 417
 Pasch, J. H., 196
 Passmore, R., 321
 Pasternack, A., 453
 Pasteur, L., 257
 Patek, A. J. Jr., 97
 Patel, M. A., 363
 Patelski, J., 112
 Pathak, M. A., 362
 Patil, T. N., 199
 Patterson, J. H., 458, 465
 Patterson, J. M., 96
 Pattison, D. C., 377
 Patwardhan, V. N., 51
 Paueroova, K., 362
 Paulin, S. K., 244
 Pawar, S. S., 216
 Payne, G. C., 57
 Payne, P. R., 243, 247
 Payne, S. M., 39
 Pearson, G., 82
 Peckham, S. C., 239
 Pedersen, J. I., 220
 Peeters, H., 112
 Peiser, G. D., 357
 Pelchat, G., 110
 Pelletier, O., 338
 Pelto, G. H., 48
 Pelzel, H., 441, 443
 Pereira, S. M., 352
 Perheentupa, J., 441
 Perkins, H. F., 157
 Perkins, M. N., 244, 249

- Perry, J. J., 96, 112
 Persinger, M. A., 416
 Pesti, L., 259
 Peters, B. H., 111
 Peters, T. J., 164
 Peterson, J. A., 304
 Peterson, M., 58, 59
 Peterson, T., 34, 41
 Petrovic, A., 57
 Petterson, L. M. B., 100
 Pettit, F. H., 298
 Peyner, F., 221
 Pfeifer, W. A., 248
 Pfeiffer, U., 217
 Pfanz, H., 377
 Philip, G., 459
 Phillips, B. P., 262
 Phillips, J. C., 183
 Phillips, M. J., 111, 443
 Phillips, P. H., 445
 Phillips, T., 193, 197
 Picciano, M. F., 150, 152, 154
 Piehl, K., 334
 Pierce, J. O., 377
 Pietarinen, G. J., 221, 222
 Pilgrim, F. J., 48
 Pineau, R., 110
 Pinto, J., 289, 292
 Piper, M. E., 111
 Pipes, T. V., 323
 Pires, P., 110
 Pirie, N. W., 56
 Pirkle, C. I., 70, 76, 77
 Pirotta, M., 105
 Pisa, Z., 376, 385, 386
 Piscator, S., 381
 Pitkanen, E., 453
 Pitt, G. A. J., 359
 Pleasants, J. R., 259-63, 265, 267, 269-72
 Pleehachinda, R., 131, 133, 135, 138, 139
 Plumier, M., 151, 152
 Plummer, J. L., 199
 Pocock, S. J., 390
 Poe, M., 245
 Poggini, G., 152, 154
 Pogorian, B., 60
 Pohl, A., 334, 335
 Polacchi, W., 364
 Polednak, A. P., 327
 Poley, J. R., 408
 Politzer, W. M., 456
 Pollack, J. R., 31, 32, 34
 Pollard, M., 259, 269
 Pollitt, R. J., 98, 99
 Polyak, B., 364
 Pond, W. G., 153, 157
 Poole, S., 237
 Poortmans, J. R., 330
 Pope, J. L., 361
 Popper, H., 99, 215
 Porcellati, G., 101, 105
 Porte, D., 244
 Porter, C. E., 387, 388
 Porter, D., 303
 Porter, D. J. T., 296, 302
 Porter, J. W. G., 159
 Porth, D. L., 387
 Portman, O. W., 101, 415
 Portnay, G. L., 246
 Pöös, A. R., 457, 458
 Postema, N. M., 99, 100
 Poston, H. A., 361
 Potkanski, A., 362
 Potter, L. T., 105
 Poulsen, L. L., 305, 306
 Poupon, R., 415
 Pourcho, R. G., 408
 Powell, D. W., 288
 Powell, E. K., 48
 Powell, P., 390
 Powers, R. J., 459
 Powley, T. L., 237, 241, 249
 Prabhavathi, T., 130
 Prakash, N. J., 165
 Prandini, M. N., 80
 Prasad, A. S., 150, 164, 222
 Pratt, R. F., 221, 222
 Preece, J. M., 222
 Prellwitz, W., 456, 460, 463
 Premachandra, B. R., 354, 361
 Prentice, D. E., 455, 460
 Prentiss, P. G., 99, 263
 Presswood, R. P., 305, 306
 Price, J., 295
 Priddle, W. W., 88
 Priest, R. P., 58
 Priester, L. E., 385
 Prins, H. W., 166
 Pritchard, A. B., 181
 Proctor, E., 97, 104, 106
 Proffitt, J. H., 408, 411
 Prokesova, L., 270
 Pröls, H., 463
 Prosky, L., 288
 Prusiner, S., 245
 Pugh, L. G. C. E., 324, 341
 Pugsley, A. P., 36
 Punsar, S., 379, 383, 384
 Purcell, A. E., 364
 Purdy, J. L., 110
 Puschner, H., 389
 Pyke, M., 59

Q
 Quackenbush, R. I., 41
 Quastel, J. H., 102
 Queisser, W., 464

R
 Raab, W., 381
 Rabin, A. R., 411, 412
 Rabin, B., 403, 404, 408, 411
 Racagni, G., 104
 Rachele, J. R., 263
 Radcliffe, W., 48
 Radde, I. C., 164
 Radharony, G., 199
 Radichevick, I., 184
 Radomski, J. L., 176
 Raetz, H., 112
 Rafal, S., 140
 Raheja, K., 112
 Raibeaud, P., 261, 262
 Raicht, R. F., 415
 Raiha, N. C. R., 405, 408, 413, 414
 Raivio, K., 441
 Raivio, K. O., 441, 443
 Raizada, M. K., 417, 419
 Rajalakshmi, K., 154
 Rajalakshmi, R., 363
 Ralls, J. W., 84
 Ramachandran, K., 362
 Ramakrishnan, C. V., 156
 Rama Sastry, B. V., 103, 107
 Ramsbottom, N., 343
 Randrup, A., 110
 Ranta, H., 384, 432
 Rantamaki, J., 328
 Rao, B. S. N., 130, 138
 Rao, S., 358
 Rasmussen, A., 126, 138, 139
 Rasmussen, K., 295
 Rassin, D. K., 402, 404-9, 411-14, 419
 Rastetter, W. H., 35, 37
 Rath, E. A., 151
 Rattan, P., 111
 Ravazzani, C., 222
 Raven, B. C., 56
 Raven, T. W., 184
 Ravesi, E. M., 84
 Ravussin, E., 464
 Raymond, K. N., 35, 40
 Raymundo, L. C., 354, 355
 Read, E. B., 443
 Read, W. O., 409
 Rector, F. C. Jr., 452
 Reddy, B. S., 223, 225, 259, 261-63, 265, 267, 270, 271
 Reddy, U. M., 358
 Reddy, V., 361
 Redfern, E. R., 357
 Reed, L. J., 298
 Reeves, P., 36
 Refsum, H. E., 330
 Regenstein, C. E., 57
 Regenstein, J. M., 57
 Register, U. D., 59
 Regolati, B., 461
 Regoli, D., 208
 Rehinder, D., 101
 Rehner, G., 288
 Reibel, D. K., 418
 Reich, P., 362

- Reichard, P., 28
 Reid, E. J., 70, 72, 77
 Reid, I. M., 443
 Reina-Guerra, M., 261, 262
 Reinhardt, E. D., 100
 Reinhardt, P., 330
 Reisby, N., 110
 Rekola, M., 450, 462
 Remtulla, M. A., 404
 Rendina, G., 102
 Rennert, O. M., 162
 Rennick, B., 106
 Renzi, M., 126, 139, 141
 Ressler, C., 263
 Retallack, R. W., 220
 Reutter, F. W., 431, 432
 Reyniers, J. A., 258, 263
 Reynolds, E. H., 221, 222
 Reynolds, P. R., 33
 Rhodes, M. B., 289
 Ricci, B. A., 384
 Richards, A. I., 48
 Richards, R. K., 217
 Richardson, R. H., 162
 Richardson, T., 159
 Rickerl, E., 185
 Ridout, J. H., 96
 Riederer, P., 447, 449, 454
 Rifkind, B. M., 320
 Riggs, B. L., 431, 432
 Rigo, J., 408
 Rikans, L. E., 218
 Rios, E., 163
 Riottot, M., 262, 268
 Ripley, L., 159, 160, 164
 Ritson, J., 59
 Rivers, J., 60
 Rivier, D. A., 288
 Rivlin, R. S., 286, 289-92, 294
 Roberts, C. J., 388
 Roberts, E., 210
 Robertson, W. O., 80
 Robins, S. J., 112
 Robinson, C., 430
 Robinson, D. A., 218
 Robinson, M. F., 155, 158
 Robinson, W. L., 96
 Robison, R., 100
 Robson, J. R. K., 56
 Roche, M., 125, 127, 128, 131
 Rødbrø, P., 219, 220
 Rodriguez, D. B., 355, 357
 Roe, D. A., 209, 226
 Roe, F. J. C., 455, 460
 Roehm, G. W., 182-85, 187
 Roels, O. A., 364
 Roepke, J. L., 157
 Roger, E. F., 286
 Rogers, A. E., 223-25, 359
 Rogers, E. F., 292, 294
 Rogers, H. J., 41, 159, 166
 Rogers, M. J., 297, 304
 Rogers, S. W., 83, 84
 Rogers, W. E., 266
 Rogers, W. R., 403, 415
 Rognstad, R., 247
 Roh, S. M., 354
 Rölla, G., 461
 Rolls, B. A., 262
 Rolls, B. J., 240
 Romano, E., 132
 Romano, E. L., 139
 Romero, J. J., 151
 Romine, M. K., 263, 264
 Romsos, D. R., 246
 Rooney, S. A., 109
 Root, W., 48
 Rosal, V., 166
 Rose, D. P., 226
 Rose, G. A., 242, 388
 Rose, R. C., 98, 287
 Rosen, H., 99, 263
 Rosenberg, A. H., 40
 Rosenberg, H., 31, 34-36
 Rosenberg, I. N., 297
 Rosenblatt, J. S., 107
 Rosenthal, S. R., 290
 Ross, S., 48
 Rossander, L., 126-28, 130-33, 135-42
 Rosso, G. C., 359
 Roth, E. S., 404
 Roth, J. A., 292
 Rothenburg, B. A., 42
 ROTHWELL, N. J., 235-56; 237-50
 Round, J. M., 220
 Roundy, E. S., 323
 Roussos, G. G., 438
 Rowe, D. J. F., 220
 Rowe, E. A., 240
 Rowe, L., 212, 214, 216
 Rowell, L. B., 344
 Rubarth, S., 389
 Rubenstein, A. H., 464
 Ruddick, J. A., 181
 Rudolph, M., 246
 Ruffer, M. A., 49
 Rugg-Gunn, A. J., 429
 Ruhonen, S., 332
 Rummel, D. P., 289
 Rumpelt, H. J., 441
 Russell, A. L., 429
 Russell, E., 271
 Russell, M., 292
 Russell, P. F., 390
 Russell, P. J., 102
 Russell, R. M., 419
 Rustamov, R. S., 465
 Rüttiman, N. A., 354
 Ruzicka, F. J., 297, 301
 Ryan, A. J., 199
 Rybo, G., 142
 Ryerson, B. A., 180, 186
 Rytömaa, I., 384, 432
 S
 Saari, U. M., 128, 129, 163, 164
 Sabadash, E. V., 154, 155
 Sacher, G., 327
 Sachsenheimer, W., 293, 294, 296, 305
 Sacquet, E., 259-62, 264, 267, 268
 Sadowski, J. A., 297
 Sadowsky, N., 431, 432
 Saelens, J. K., 104, 105
 Saffioti, U., 219, 225
 Sagai, M., 214
 Sahakian, B. J., 111
 Said, R., 56
 Saito, M., 100
 Sakai, S., 224
 Sakakibara, B., 266
 Sakakibara, S., 403
 Sako, F., 184
 Sakr, A. H., 56
 Salach, J., 285
 Salajan, G., 362, 367
 Salaman, R. N., 48
 Salans, L. B., 240, 244
 Salceda, R., 402, 417
 Sale, D. G., 334
 Salerno, D. M., 101, 105
 Salerno, J. C., 304
 Salib, P., 60
 Salminen, A., 328
 Salter, D. N., 263
 Saltin, B., 333, 334, 337, 343, 344
 Saltman, P., 159, 160, 162, 164
 Samonds, K. W., 419
 Samuel, P. D., 247
 Sanchez, M. A., 261, 264
 Sandell, E. B., 151
 Sanders, R., 103, 109
 Sandifer, S. H., 385
 Sandler, M., 299
 Sandor, T., 291
 Sandström, B., 165
 Sanford, P. A., 98, 99
 Sankey, M., 210
 Sanpitok, N., 226
 Santos, M. H., 363
 Sarett, H. P., 404, 415
 Sargent, R., 335, 338
 Sasak, W., 355, 358
 Sasaki, S., 270-72
 Sassi, G., 323
 Sato, G., 31
 Sato, J., 457
 Sato, M., 155, 283
 Sato, P. H., 218
 Sato, R., 284, 299
 Sato, S., 182
 Satyanarayana, M. N., 199
 Sauberlich, H., 444

496 AUTHOR INDEX

- Sauberlich, H. E., 218, 339, 444
 Saudek, C. D., 332
 Savage, D. C., 262
 Savithry, K. N., 360
 Sawamura, M., 182
 Sayers, M. H., 125, 130, 131
 Scaglione, P. R., 458
 Scaletta, D., 222
 Schade, A. L., 41
 Schade, S. G., 130
 Schaedler, R. W., 265
 Schafer, D. F., 106
 Schafer, K. H., 159
 Schaffer, S. W., 404, 409, 417
 Schagen, C. G. V., 296, 305, 306
 Schalfner, F., 215
 Schaller, K., 33
 Schams, D., 352
 SCHAMSCHULA, R. G., 427-35; 377, 429-31
 Scharp, C. R., 220
 Schatz, W. J., 81
 Scheffel, J. W., 270
 Scheinin, A., 450, 455-57, 461, 462
 Scheline, R. R., 192, 199, 210
 Schellenberg, B., 82
 Schemmel, R., 239
 Schenin, A., 444, 458
 Schenkman, J. B., 224
 Schersten, T., 101
 Schettler, G., 112
 Schiffer, M. A., 80
 Schild, R., 56
 Schindler, P., 29
 Schirmer, R. H., 293, 294, 296, 305
 Schlein, M., 338
 Schless, A., 111
 Schlesselman, J., 465
 Schlierf, G., 82
 Schmid, R., 221
 Schmidt, D. E., 103, 107
 Schmidt, P., 459
 Schmidt, S. Y., 411, 412
 Schmidt-Gayk, H., 82
 Schmittner, E., 48
 Schmitz, H. E., 270
 Schnaitman, C. A., 32
 Schneider, D. L., 404, 410, 415
 Schneider, H. A., 269
 Schneider, H. J., 388
 Schneider, W. J., 101
 Schnieden, H., 237
 Schnoes, H. K., 220
 Scholz, R., 440, 458
 Schonbrunn, A., 302
 Schopfer, L. M., 305
 Schopp, K., 293
 Schottclius, M., 258
 Schrader, W. H., 88
 Schreiber, G. B., 376, 381, 382, 385
 Schrier, R. W., 338
 Schroeder, H. A., 376, 379-81, 383, 384, 432
 Schubert, M. P., 303
 Schulenburg, E. P., 289
 Schulman, J. D., 465
 Schultis, K., 459, 464
 Schultz, J., 163
 Schultze, H.-U., 218
 Schulz, G. E., 293, 294, 296, 305
 Schumacher, H., 441, 443
 Schumacher, M., 219
 Schuman-Jorns, M., 285, 299
 Schumer, W., 459
 Schwartz, M. C., 74
 Schwarz, K., 384
 Schweigert, B. S., 97, 445
 Schwende, F. J., 83
 Scalfani, A., 240, 248
 Scott, M. W., 185
 Scott, W., 297
 Scow, R. O., 100
 Scrimshaw, N. S., 328
 Scriven, C. R., 108
 Seaman, J., 60
 Seamans, J. O., 83, 84
 Seay, A. R., 161
 Sebrell, W. H., 96
 Sedgwick, P. A., 388
 Seed, M., 226
 Seegmiller, J. E., 441
 Seely, G. R., 355
 Seemayer, T. A., 404, 408
 Seidel, J. C., 415
 Seifter, E., 263
 Seino, Y., 182
 Selenk, S. J., 287
 Selinus, R., 57
 Sen, R. N., 340
 Sender, P. M., 247
 Senewiratne, B., 340
 Senger, H., 334, 335
 Senterre, J., 408
 Serrano, G., 57
 Servo, C., 453
 Sestoft, L., 440
 Sestoft, M., 247
 Setcavage, T. M., 270
 Sevens, A., 404
 Sevick, R. W., 330
 Sewell, D. L., 261
 Seydoux, J., 245
 Shackleton, L., 130
 Shaffer, J. E., 418
 Shah, M. A., 357
 Shallenberger, R. S., 439
 Shamberger, R. J., 224
 Shank, F. R., 70, 71, 77, 79, 86
 Shankar, T. N. B., 199
 SHAPER, A. G., 375-400; 376, 390
 Shapiro, B., 100, 101
 Sharma, O. P., 199
 Sharma, R. V., 362, 364
 Sharman, I. M., 340, 363
 Sharrett, A. R., 376, 385, 390
 Shaw, J. C. L., 164
 Shaw, J. H., 438, 445, 453
 Sheetz, M., 465
 Sheiham, A., 429
 Shen, W. W., 84
 Shephard, A. P., 344
 Shephard, R. J., 324, 340
 Shering, A., 111
 Sherman, A. R., 157
 Shetty, P. S., 246, 248-50
 Shibata, Y., 299
 Shiga, K., 294
 Shigehisa, S., 403
 Shimizu, T., 258
 Shinozura, H., 443
 Shiraki, K., 341-43
 Shirari, A., 182
 Shojania, A. M., 222
 Shrikhande, A. J., 188
 Shubik, P., 225
 Shukla, P. C., 362
 Shull, K. H., 443
 Shultice, R. W., 215
 Shwachman, H., 362
 Siddiqui, I. R., 439
 Siddons, R. C., 262
 Sidransky, H., 97
 Siegel, L. M., 304
 Siegfried, C. M., 297
 Sieker, L. C., 293, 296
 Sierowski, R., 388
 Sievers, M. L., 384
 Signoret, J. L., 111
 Signoretti, P., 377
 Siimes, M. A., 128, 129, 152, 163, 286
 Sikic, B. I., 218
 Silaeva, T. Y., 417
 Silbergeld, E. K., 184
 Silberagl, S., 405
 Silbowitz, R., 112
 Siltanen, I., 444, 446
 Silver, J., 220
 Silverman-Jones, C. S., 355, 358
 Silvestri, S., 188
 Simenhoff, M., 99
 Simke, J. P., 104
 Simlet, S., 412
 Simms, E. S., 289
 Simon, J. R., 105
 Simoons, F. J., 48, 56
 Simpson, D. J., 354
 Simpson, J. E. P., 271
 SIMPSON, K. L., 351-74; 354, 355, 357, 362, 365-67

- Sims, E. A. H., 240, 243-246
 Sims, L. S., 59
 Singer, T. P., 102, 283-86,
 294-96, 298, 299, 304
 Singh, B., 259, 261
 Singh, G. S., 111
 Singh, H., 358, 360
 Singh, H. T., 360
 Singh, M., 184
 Sinnathuray, T. A., 156
 Sinnhuber, R. O., 216
 Sipple, H. L., 438
 Sirinek, K. R., 453
 Sirivech, S., 295
 Sisk, D. R., 270
 Sitarum, N., 111
 Sjoblom, M., 457, 462
 Sjölin, S., 163
 Sjoval, J., 408
 Skata, J. A., 328-30
 Sklan, D., 98, 99
 Skurdal, D. H., 101
 Slack, G. L., 450
 Sladek, C. D., 111
 Slater, T. F., 210
 Sloan, M., 160, 161
 Sloan, M. V., 150, 157, 160-62,
 164, 165
 Sloan, R. E., 150
 Smallwood, R. A., 415
 Smith, B. T., 103
 Smith, C. M., 111
 Smith, C. R., 218
 Smith, D. A., 184
 Smith, D. W. E., 271
 Smith, E., 339
 Smith, F. B., 103
 Smith, G. E., 192
 Smith, H. W., 31, 453
 Smith, J., 210
 Smith, J. C., 266, 267
 Smith, J. E., 361
 Smith, J. L., 221, 222
 Smith, J. M., 219, 225
 Smith, L. H., 402-4, 408, 413,
 414, 419
 Smith, L. H. Jr., 299
 Smith, N. J., 163
 Smith, P. K., 87
 Smith, R. P., 81
 Smith, R. V., 210
 Smith, T. J., 247
 Smith, W., 48
 Smith, W. W., 293, 296, 453
 Smolensky, M. H., 74
 Smyth, D. H., 98, 99
 Smythe, C. V., 303
 Snatzke, G., 355
 Snider, W. D., 359
 Snow, M. R., 459
 Snyder, C., 218, 225
 Sobotka, H., 106, 112
 Soetewey, F., 112
 Sognnaes, R. F., 428
 Söldering, E., 450
 Solheim, W. G. II, 56
 Solomon, H., 293
 Solomons, N. W., 419
 Sols, A., 443
 Sölvell, L., 125, 130, 131, 133,
 140, 141, 143
 Sommer, O., 440
 Somogyi, J. C., 209
 Sonnenberg, L. M., 59
 Sood, R., 357
 Soong, L. M., 224
 Sorace, E., 409
 Soroka, V. R., 154, 155
 Sorre, M., 48
 Sorrell, M. F., 106, 287
 Soter, N., 452
 Soule, R. G., 341
 Soullier, B. K., 223
 Sowden, J. C., 455
 Spaeth, D. G., 404, 410, 415
 Spaeth, J. T., 453
 Spangler, J., 166, 167
 Spatz, L., 297, 304
 Spatz, M., 271
 Spector, R., 288
 Spector, T., 305
 Speier, J. L., 211
 Spence, J., 324
 Spencer, R., 292, 294, 298, 301
 Spencer, R. D., 262, 265
 Speranskaja, N. V., 409
 Spielberg, S., 465
 Spik, G., 164
 Spiro, H. M., 262, 265
 Spitz, I. M., 464
 Spoerl, R., 157
 Sporn, M. B., 219, 225, 358
 Springer, D., 240
 Springer, S., 225
 Sprinz, H., 260, 262
 Squire, R. A., 225
 Squires, R. W., 340
 Sreenivasan, A., 102
 Srikantia, S. G., 154
 Srinivasan, M., 199
 Stadt, Z. M., 428
 Stadtman, E. R., 286
 Stafford, A. E., 357
 Stalberg, H., 407
 Staley, T. E., 260
 Stamp, T. C. B., 220
 Standal, B. R., 226
 Stanislawski, D., 48
 Stanislawski, A. G., 161
 Stanley, C., 262
 Stanley, F., 390
 Stanley, J. C., 247
 Stara, J. F., 385
 Stare, F. J., 431, 432
 Staub, H. W., 452
 Staudinger, H., 217, 218
 Staudinger, H. J., 218
 Stavric, B., 181
 Steel, J. E., 341
 Steenbock, H., 157
 Steenkamp, D. J., 283, 284,
 298, 304
 Stefanik, P. A., 242
 Steffens, A. B., 241
 Steigmann, F., 99, 111
 Stein, E. M., 334
 Stein, O., 100
 Stein, Y., 100
 Steinbach, S. P., 187
 Steiner, A., 112
 Steinhilber, R., 465
 Stellar, E., 241
 Stelling, E., 445
 Stent, G. S., 40
 Stephan, Z. F., 404, 410,
 413-15
 Stephen, R. W., 445
 Stephens, D. N., 243, 250
 Stephenson, J. D., 237
 Stern, J. S., 58, 59
 Stern, L., 287
 Stern, M. D., 335
 Stern, S. R., 59
 Sternberg, M., 83
 Sternby, N. A., 389
 Sterzl, J., 269
 Steuer, A., 442
 Stevens, C. O., 339
 Stevens, S., 271
 Stevenson, J. W., 155, 157
 Stewart, G. A., 341
 Stewart, I., 365
 Stewart, M. J., 341
 Stich, H. F., 225
 Stickler, G. B., 408
 Stiehl, A., 112
 Stier, A., 212, 224, 226
 Stiggall, D., 102, 103
 Stiggall, D. L., 296-98
 Stinson, S. F., 225
 Stirling, J. L., 243, 245, 247
 Stitt, F. W., 376, 390
 St. Leger, A. A., 383, 395
 STOCK, M. J., 235-56; 237-50
 Stoewand, G. S., 265
 Stone, T. W., 244, 249
 Stone, W., 57
 Stoner, M. K., 58
 Storeck, J., 56
 Story, D. L., 106
 Story, J. A., 112
 Stott, W. T., 216
 Strack, E., 456, 465
 Strand, O., 408
 Straub, O., 352, 358
 Strecker, A., 96
 Street, A. E., 455
 Streumer-Svoboda, A., 102,
 109

498 AUTHOR INDEX

- Strittmatter, P., 297, 304
 Strobel, H. W., 212
 Stromme, S. B., 330
 Strong, R., 226
 Strübig, W., 430
 Struck, P. J., 341
 Stryker, J. C., 222
 Stuart, F. P., 452, 453
 Stuart, S. J., 41
 STUMPF, S. E., 1-25; 60
 Stunzi, K. H., 389
 STURMAN, J. A., 401-25;
 402-14 419
 Stutz, K., 466
 Styles, J. A., 223
 Subbaiah, P. V., 100
 Subba Rao, D., 199
 Suelter, C. H., 301
 Suffolk, S. F., 264
 Sugimura, T., 182, 208
 Sullivan, R. J., 443
 Sumi, Y., 265
 Summers, J. L., 388
 Sundin, U., 247
 Sundler, F., 111
 Sundler, R., 101, 103, 105
 Sung, C. P., 106
 Sung, J. L., 292
 Suphakar, V., 225
 Surface, F. M., 61
 Surmatas, J. D., 360
 Surrey, A. R., 286
 Suskind, R. M., 270
 Suslikov, V. L., 388
 Suttie, J. W., 297
 Suttle, G. E., 125
 Sutton, J. R., 334
 Sutzescu, R., 332
 Suwanik, R., 131, 133, 135,
 138, 139, 142
 Suzuki, T., 454
 Svanberg, B., 126, 127
 Swaminathan, M. C., 61
 Swango, P. A., 462, 463
 Swanson, J. M., 184
 Swanson, M. A., 100
 Swarner, J. B., 439
 Swase, M., 111
 Sweeney, J. P., 355, 361-63
 Sweetnam, P. M., 395
 Swolin, B., 127
 Sykes, A. H., 362
 Sylvester, P. E., 222
 Szantó, S., 450
 Szczepanik Van-Leween, P.,
 408
 Szymanski, C. D., 359
 T
 Tachibana, S., 283, 284
 Tai, L. M., 453
 Tait, G. H., 34
 Tajima, M., 258
 Takahashi, N., 403, 408
 Takanaka, A., 217
 Takeda, H., 181
 Takeshita, M., 297
 Takeuchi, F., 299
 Talafantova, M., 270
 Talbot, F. D. F., 379, 381, 382,
 385
 Talbot, J. M., 438, 447
 Talcott, R. E., 224
 Tamamoto, M., 250
 Tamminga, C. A., 111
 Tammsalo, E., 462
 Tamura, T., 166, 167
 Tanaka, J., 338
 Tanaka, K., 295
 Tanaka, T., 270
 Tanaka, Y., 166, 167
 Tandler, B., 294
 Tang, F. L. M., 184
 Taniguchi, N., 184
 Tanishima, K., 297
 Tannenbaum, S. R., 225
 Tanphaichitr, V. S., 453, 456
 Tanrisever, R., 111
 Tanuma, Y., 250
 Tappel, A. L., 214
 Tapscott, E. B., 328
 Tarding, F., 196
 Tarvydas, H., 153
 Taskinen, M. R., 332
 Taubert, F., 388
 Taves, D., 431, 432
 Taves, D. R., 384, 432
 Taylor, D., 295
 Taylor, F. B., 74
 Taylor, F. I., 218
 Taylor, H. L., 238
 Taylor, R. F., 354
 Taylor, T. G., 242, 247
 Tayne, M. B., 341
 Teague, W. D., 56
 Teitelbaum, P., 239
 Teleki, G., 53
 Templeton, R., 210
 Tennant, B., 261, 262, 266
 Tepper, S. A., 112
 Terakado, N., 31
 Terao, T., 166
 Terry, R., 408
 ter Well, H. F., 112
 Teschan, P. E., 338
 Thae-Too, 133, 135
 Thein-Tham, 133, 135
 Thelander, L., 28
 Thenen, S. W., 151
 Theorell, H., 292
 Thierfelder, H., 258
 Thind, I. S., 283
 Thoden, J., 338
 Thoden, J. S., 324
 Thoenen, H., 104
 Thomas, B. J., 242
 Thomas, D. W., 459
 Thomas, P., 354
 Thomas, P. J., 408, 411
 Thomas, R. J., 210
 Thomas, R. L., 354
 Thomford, N. R., 453
 Thompson, A. D., 287
 Thompson, C. R., 355
 Thompson, D. E., 405
 Thompson, G. E., 80
 Thompson, G. R., 220
 Thompson, J. I., 197, 198
 Thompson, M. W., 323, 324
 Thompson, R. H., 248, 250
 Thompson, R. J. S., 100
 Thompson, W., 101
 Thompson, W. H., 84, 88
 Thomson, M. E., 108
 Thorgeisson, S. S., 224
 Thornton, P. A., 96
 Thorpe, C., 304
 Thrasher, T. R., 80
 Thurlby, P. L., 237, 241, 246,
 249
 Thurston, E. W., 181
 Thye, F. W., 329
 Tiedman, F., 402
 Tietz, A., 221
 Timberlake, C. F., 192
 Tipton, I. H., 383
 Tkaczewski, V., 217
 Tobian, L., 70, 81
 Tobin, G., 237
 Toda, K., 362
 Todd, D., 465
 Todhunter, E. N., 48
 Tokunaga, H., 417
 Tolbert, B. M., 218
 Tollin, G., 292, 294, 300
 Tolman, K. G., 220
 Tomarelli, R. M., 129, 163, 164
 Tomizawa, S., 215, 216
 Toone, J., 103
 Tootle, J. S., 83, 84
 Topping, D. L., 444
 Torrance, J. D., 127, 128, 130,
 131
 Torres, E., 452, 453
 Torres-Martinez, S., 354
 Torun, B., 139, 328
 Tóth, K., 429
 Touster, O., 455, 456
 Trabin, B., 200
 Trabucchi, M., 104
 Trachewsky, D., 291
 Trautman, J. C., 84
 Travnick, J., 270
 Trayburn, P., 237, 241, 246,
 248, 249
 Trebichavsky, I., 270
 Tremolada, C., 238
 Trevarthen, C., 109

- Trevor-Roper, H., 51
 Trexler, P. C., 258, 265
 Trout, M., 364
 Truex, C. R., 224
 Truhaut, R., 208
 Tsai, L., 286
 Tsai, T.-L., 157
 Tsibris, J. C. M., 292
 Tsuda, H., 299
 Tsuge, H., 292-94, 296, 303
 Tsukada, Y., 402, 407, 416, 418
 Tsukuda, N., 357
 Tu, S.-C., 296
 Tucci, G., 408
 Tuig, J. G. V., 246
 Tulp, O., 243, 245, 247
 Tuma, D. J., 106
 Tung, T., 48, 299
 Turkki, P., 112
 Turkki, P. R., 102
 Turnbull, A., 125, 130, 131, 140
 Turnbull, J. D., 218
 Turner, J. L., 449
 Turner, R. C., 240
 Turvey, A., 262
 Tuthill, R. W., 74
 Tyler, D. D., 102
 Tyor, M. P., 408
- U
- Udenfriend, S., 217
 Ueda, I., 403
 Ueda, T., 266
 Uemura, J., 36
 Uemura, K., 389
 Uhrbrand, L., 110
 Ukab, W., 457, 459
 Ukab, W. A. A., 457
 Ulus, I. H., 104, 111
 Umehara, K., 270-72
 Un, P. S. H., 429-31
 Underdown, B. J., 289
 Underwood, B. A., 361
 Underwood, E. J., 150, 152, 158
 Unna, K., 200
 Ural, A., 357
 Urman, J., 164
 Ushigusa, T., 365
 Ushioda, I., 403, 408
 Usui, T., 166, 167
 Uthus, E. O., 97, 101
- V
- Vagenakis, A. G., 246
 Valberg, L. S., 128
 Valencia, R., 264
 Valliant, P. M., 416
 Van Berkel, W. J. H., 296, 305, 306
 van Buren, E. D., 50
 Vance, D., 103
 Vance, D. E., 101
 Van Dam, K., 102
 Vandamme, D., 112
 Van Deenen, L. L. M., 99, 100
 Van den Berghe, G., 440
 Van den Hamer, C. J. A., 166
 Vanderlaan, M., 226
 van der Veen, H. K., C., 362
 van der Walt, L. A., 217
 Vandier, J., 49
 VAN EYS, J., 437-75; 453, 456-59, 465
 Van Gelder, N. M., 416
 van Gent, C. M., 112
 van Gool, J., 163
 Van Handel, P. J., 333
 Van Itallie, T. B., 241, 248
 Vanneste, R., 440
 van Nie, C. J., 389
 Vanninen, E., 439
 Van Schroder, F., 198
 Vargo, D., 271
 Vasantharajan, V. N., 354, 361
 Vasishtha, S., 50
 Vasselli, J. R., 241, 244, 249
 Vaughan, L. A., 150, 152, 154, 155, 158
 Vaupshas, V., 404, 408
 Vecchi, C., 152, 154
 Veeger, C., 296
 Vegarud, G., 461
 Velez, F., 139
 Vellan, E. J., 407
 Vellar, O. E., 341
 Veloso-de Almeida, P. G., 354
 Venkatachalam, P. S., 130
 Venn, J. A. J., 153
 Venuti, M. C., 35, 37
 Vermeer, D. E., 48
 Vermilion, J. L., 212, 297, 300, 301
 Vermillion, J. R., 428
 Verosky, M., 458
 Verrill, A. H., 51
 Versieck, J., 154, 155
 Vessey, D. A., 408
 Vester, J. W., 112
 Veum, T. L., 153, 157
 Vieira De Barros, A., 297
 Vignon, E., 432
 Vihko, S., 328
 Vijayalaxmi, 200
 Vijayaraghavan, K., 61
 Vijayaraghavan, P. K., 357
 Vijayasathiy, C., 138
 Villeneuve, R., 110
 Vince, A., 198
 Virtanen, K. K., 450, 455, 461, 462
 Visek, W. K., 224
 Vismara, L., 238
 Viswanatha, T., 33
 Viteri, F. E., 139
 Vitiello, M. V., 453
 Vitullo, B. B., 404, 408
 Viveros, O. H., 101
 Vivian, V. M., 405
 Voaden, M. J., 407, 408
 Vodak, P. A., 323
 Voet, J. G., 303
 Vogel, G., 82
 Vogel, R. A., 184
 Vogels, G. D., 285, 286
 Vogt, M., 104
 Vohra, P., 165
 von Elbe, J. H., 196, 197
 von Glutz, G., 330
 Voors, A. W., 379, 384, 385
 Vought, R. L., 184
 Vuori, E., 152, 154-58
 Vyas, A. D., 363
- W
- Wade, A. E., 214, 220, 221
 Wade, N. J., 96
 Wagner, J. A., 344
 Wagner, M., 258, 260, 262
 Wahlström, B., 185, 197, 199
 Wahren, J., 330, 331, 337
 Wajda, I. J., 103
 Wake, C., 415
 Walburg, H. E., 269
 Waldemar, Y., 260
 Waldram, R., 450, 451
 Walford, J., 186
 Walker, B. E., 214
 Walker, R., 125, 126, 128-31, 180
 Walker, R. B., 125, 127, 128, 130, 131
 Walker, S. E., 242
 Walker, W. H., 285
 Walker-Smith, J. A., 287
 Wallcave, L., 225
 Wallen, R., 48
 Wallnöfer, P., 184
 Walravens, P. A., 164, 165, 167
 Walsch, S., 218
 Walsh, C., 292-94, 296, 298, 301, 302, 304
 Walsh, C. T., 298, 302
 Walton, P. D., 186
 Walter, G., 440
 Walther, A., 458, 459
 Wang, P. C., 186
 Wang, P. F., 97
 Wang, P. F. L., 97, 103-6
 WANG, Y.-M., 437-75; 453, 456-59, 465
 Wang, Y. Y., 166
 Ward, C. J., 80
 Ward, G. R., 334
 Ward, P., 323

- Warkany, J., 290
 Warnke, H. E., 295
 Warner, G. T., 130, 132, 140
 Warren, K. S., 263
 Warwick, B. P., 244
 Washüttl, J., 447, 449, 454
 Wasson, R. G., 48
 Wasson, V. P., 48
 Watabe, H., 184
 Watabe, T., 180
 Watada, A. E., 354, 366
 Watanabe, K., 271
 Watanabe, M., 58, 59
 Watanabe, S., 283
 Watenpugh, K. D., 293, 296
 Waterlow, J. C., 330
 Watkins, J. B., 408
 Watson, G., 411, 412
 Watson, J. D., 451
 Watson, P. B., 377
 Watson, R. L., 380
 Watson, W. C., 197
 Watt, G. D., 284
 Wattenberg, L. W., 211, 215
 Watts, R. W. E., 459
 Waxman, S., 221
 Wayne, R., 32
 Weast, R. C., 447
 Weatherell, J. A., 430
 Weatherholtz, W. M., 215
 Weaver, C. A., 33
 Webb, J. M., 184, 185
 Webb, P., 236
 Webb, P. M., 270
 Webb, R. E., 215
 Webber, J. M., 452
 Weber, C. W., 150, 152, 154, 155, 158
 Weber, F., 357
 Weber, G., 305
 Webster, G. R., 100
 Wedeking, P. W., 103-6
 Weerstra, R., 362
 Weide, W., 111
 Weiler, M. H., 105
 Weinberg, E. D., 28, 41
 Weiner, J. H., 285
 Weingartner, H., 111
 Weinhold, P. A., 103, 109
 Weinstein, M. B., 140
 Weinstock, L. T., 286, 301
 Weintraub, L. R., 140
 Weisburger, J. H., 223, 225, 271
 Weissman, M., 225
 Weiss, R. R., 352
 Weiss, S. B., 96, 101, 103
 Wekell, M. M., 452, 455
 Weller, J. M., 84, 88
 Wellner, D., 298
 Wellock, W. D., 430
 Wells, C., 49, 60
 Wells, I. C., 102
 Wells, W. W., 268
 Welsch, F., 107
 Weltz, J. D., 409
 Wen, G. Y., 406, 412
 Wendorf, F., 56
 Wenk, M. L., 225
 Werblow, J. A., 344
 Werdenberg, D., 466
 Werner, S. C., 184
 Werter, M. H., 104
 West, K. M., 447
 West, R. O., 58
 West, W. L., 211
 Westbury, E. J., 388
 Wettstein, F. O., 40
 Whang, D. H., 163
 Wharton, B. A., 216, 408
 Wheby, M. S., 125
 Whedon, G. D., 248, 250
 Wheeler, E. F., 237
 Wheeler, G. H., 407
 Whistler, R. L., 440
 Whitby, L. G., 283, 284
 White, A., 339
 White, C., 271
 White, E. G., 58
 White, H. L., 104
 White, J. C., 32
 White, J. M., 74
 White, M. J., 357
 Whitehead, N., 221
 Whiteley, A., 111
 Whitfield, C. D., 285, 299
 Whitlon, D. S., 297
 Whitney, J. C., 389
 Wick, A. N., 452
 Wickes, I. G., 48
 Widdowson, E. M., 48, 108, 131, 152-54, 164, 238, 242
 Wiech, N. L., 262
 Wieckowska, H., 56
 Wieland, O., 443
 Wiener, W., 110
 Wierenga, R. K., 293, 296, 306
 Wikvall, K., 220
 Wilbraham, A., 48
 Wilcox, A. S., 180, 186
 Wilcox, R. P., 48
 Wilde, W. S., 87
 Wilken, D. R., 102
 Willebrand, D., 341
 Willebrands, A. F., 112
 Willes, R. F., 181
 Williams, C. H., 296-98, 301, 304
 Williams, C. L., 107
 Williams, D. M., 161
 Williams, G., 377
 Williams, G. R., 102
 Williams, H. E., 299
 Williams, I. H., 404
 Williams, J. N., 102
 Williams, M. H., 340
 Williams, M. L., 218, 225
 Williams, N. P., 28, 39
 Williams, P. H., 41
 Williams, R. P., 39
 Williams, R. T., 199
 Williams, T., 247
 Williams, T. R., 242
 Williams-Dean, G., 49
 Williamson, J. J., 430
 Williamson, J. R., 458
 Wills, E. D., 212-14, 216
 Wilmore, J. H., 323
 Wilson, C. S., 48
 Wilson, P. S., 223
 Wimpfheimer, C., 246
 Winegrad, A. I., 448, 456
 Wingard, R. E. Jr., 186
 Wingo, J. G., 74
 Winitz, M., 271
 Winkelmann, G., 29, 40
 Winkler, A. W., 87
 Winter, J., 218
 Winter, W. P., 289, 297
 Winters, R. W., 458
 Winters, W., 222
 Winton, E. F., 377
 Wirth, P. J., 224
 Wise, A., 238
 Wise, E. M., 101
 Wisniewski, H. M., 406, 412
 Witkowski, P. E., 102
 Witschi, H., 443
 Wittkamp, U., 441
 Wojcik, J. D., 110
 Wolf, E., 377
 Wolf, G., 219, 359, 361
 Wolf, H. P., 464
 Wolfe, P. A., 262
 Wolfe, R. S., 285, 286
 Wolff, G., 466
 Wolff, H., 33
 Wolff, J., 184
 Wolff, L. K., 155
 Wolfram, G., 389
 Wolinsky, I., 157
 Wong, C. Q., 225
 Woo, C. H., 221
 Wood, C. A., 411
 Wood, F. O., 70, 71
 Wood, G. C., 216
 Wood, H. F., 443, 457
 Wood, P. D., 335
 Woodcock, B. G., 216
 Woodruff, C. W., 164
 Woods, S. C., 244
 Woosley, R. L., 419
 Workman, J. B., 163
 Worth, G. K., 220
 Worthington, J. T., 354, 366
 WOSTMANN, B. S., 257-79; 259-72
 Wright, L. D., 292
 Wright, L. W., 447

Wright, M. C., 430
 Wright, V. A., 183
 Wrong, O. M., 198
 Wu, F. Y.-H., 301
 Wu, J. C., 104
 Wurtman, J. J., 97, 99
 Wurtman, R. J., 97, 98, 101,
 103, 104, 106, 107, 110-12
 Wynder, E. L., 223, 271
 Wynn, V., 226
 Wyrwicka, W., 241

Y

Yaffe, S. J., 216, 221, 287,
 Yagi, K., 283, 285, 288, 292,
 296
 Yahagi, T., 182, 208
 Yamada, T., 341-43
 Yamagata, S., 463, 464
 Yamaguchi, K., 403
 Yamaha, T., 182
 Yamanaka, M., 260
 Yamanaka, T., 284
 Yamano, T., 296, 297
 Yamashina, S., 298
 Yamauchi, Y., 463, 464
 Yamori, Y., 418
 Yancey, R. J., 41
 Yang, G. Y., 226
 Yang, S. F., 357
 Yang, W. K., 292
 Yarov, J., 38
 Yartsev, E. I., 417
 Yashuk, W. D., 443
 Yasui, H., 96
 Yasukochi, Y., 304
 Yates, C. M., 111
 Yates, R. A., 407
 Yeaman, S. J., 298
 Yearby, C., 297
 Ylikahri, R. H., 457, 458
 Ylitalo, K., 462
 Yogi, K., 284
 Yokochi, C., 250
 Yokoyama, H., 357
 Yolton, D. P., 262
 Yoneda, Y., 409, 417
 Yoneyama, Y., 297
 York, D. A., 242, 246-49
 Yoshida, T., 262, 263, 267
 Yoshikawa, H., 465
 Yoshimura, H., 329, 341-43
 Youdim, M. B. H., 299
 Youmans, J. B., 81, 84, 88
 Young, D. B., 84, 89
 Young, G., 49
 Young, I. G., 34-36
 Young, J. B., 245
 Young, M. D., 70, 76, 77
 Young, T. K., 453
 Young, V. R., 328
 Yousef, M. K., 245, 247
 Yu, C. A., 304
 Yubisui, T., 297
 Yudkin, J., 247, 451
 Yue, K. T. N., 102
 Yukimura, Y., 246
 Yurdagel, Ü., 357

Z

Zak, Z., 289
 Zakaria, M., 365, 366
 Zakim, D., 444
 Zannoni, V. G., 217, 218
 Zapti, J., 446
 Zarembski, P., 362
 Zaynoun, S. T., 362
 Zazgornik, J., 459
 Zdrojewski, A., 381, 382, 385
 Zederfeldt, B., 140
 ZEISEL, S. H., 95-121; 97, 98,
 101, 106, 107, 111
 Zelder, O., 441, 443
 Zeuner, F. E., 55
 Ziege, M., 443
 Ziegler, D. M., 305, 306
 Ziegler, E. E., 160, 164
 Zile, M. H., 360
 Zimmerman, A. W., 157
 Zimmerman, D. R., 262, 267
 Zoetman, B. C. J., 380-82
 Zollner, N., 389
 Zucas, S. M., 362
 Zulak, I. M., 157

SUBJECT INDEX

A

Acetabulol, 210
 2-Acetamidofluorene
 carcinogenicity, 210
N-hydroxy-2-
 Acetamidofluorene
 carcinogenicity, 210
P-Acetamidophenyl
 glucuronate, 210
 Acetylcholine
 biosynthesis
 choline and, 96
 choline chloride and, 104
 hormone release and, 111
 placental, 107
 synthesis, 105
 Aciduria
 riboflavin and, 295
 Acrodermatitis enteropathica
 human milk and, 160-61
 Actinide poisoning, 28
S-Adenosyl methionine
 choline synthesis and, 101
 Adrenalectomy
 taurine conjugation of bile
 acids and, 408
 Adrenal gland
 taurine concentrations, 410
Aerobacter aerogenes
 *N*⁴-hydroxylysine bio-
 synthesis and, 33
Aerobactin
 N-hydroxylation, 33
 Aflatoxin B₁
 hepatocarcinogenicity,
 224
Agmenellum quadruplicatum
 siderophores, 38
Agrobacterium tumefaciens
 spermidine-derived
 siderophores, 34
Agrobactin
 structure, 34
 Albomycin
 S. typhimurium resistance,
 32
 Albumin
 riboflavin-binding, 289
 Alcoholic liver cirrhosis
 choline deficiency and, 97
 Aldosterone
 riboflavin coenzymes and,
 291
 Alkaline phosphatase
 milk fat zinc-binding protein,
 161
 Allura red
 metabolism and toxicity, 182
 Aluminum lakes, 187

Alzheimer's disease
 choline and, 111
 Amaranth
 intestinal cleavage, 181
 Amino acids
 drug detoxication and, 210
 germfree animal
 requirements, 265
 sweat loss, 331
 Aminopyrine
 demethylation inhibition,
 220
p-Aminosalicylate
 vitamin B₁₂ plasma levels
 and, 226
 Amytal
 choline dehydrogenase and,
 102
Anabaena sp.
 siderophores, 38
 Anemia
 sports, 340-43
 See also Iron deficiency
 anemia, Megaloblastic
 anemia
 Angioneurotic edema
 synthetic food colorants and,
 196
 Anhydrolutein
 conversion to vitamin A₂,
 360
 Annatto extract
 metabolism and toxicity,
 195-96
 Antacids
 sodium and, 75
 Anthocyanins, 188-92
 Anthraquinones, 187-88
 Antibiotics
 sparing action, 264-65
 Anticonvulsants
 congenital abnormalities and,
 222
 megaloblastic anemia and,
 221
 vitamin D turnover and,
 219
 Antidepressants
 cheese effect, 295-96
 Antimycin
 choline dehydrogenase and,
 102
 Antipyrine
 half-life
 diet and, 216
 erythorbic acid and, 218
 metabolism
 diet and, 211
 Aortic calcification
 fluorine and, 384

Apo-carotenol
 metabolism and toxicity, 194
 Apollavoproteins
 coenzyme-binding, 292-94
 Aribioflavinosis
 lipid metabolism and, 294
 Arteriosclerosis
 water hardness and, 376
 Ascorbic acid
 non-heme iron bioavailability
 and, 130
 See also Vitamin C
Aspergillus sp.
 ferrichrome crystallization,
 40
 Astaxanthin, 193
 lutein conversion, 354-55
 Asthma
 synthetic food colorants and,
 196
 Atabrine
 choline dehydrogenase and,
 102
 Atherosclerosis
 nutrition and, 226
 water hardness and, 388-89
 Athletic conditioning, 319-45
 carbohydrate utilization and,
 333-39
 energy turnover and, 321-27
 lipid utilization and, 332-33
 protein utilization and,
 328-32
 vitamin supplementation and,
 339-40
 Aureomycin
 choline dehydrogenase and,
 102
 Azo dyes, 180-82
 Azotemia
 xylitol and, 459
 Azoxymethane
 carcinogenicity, 223

B

Bacillus megaterium
 siderophores, 38
Bacillus sp.
 siderophore formation, 38
 Bacteria
 iron absorption and
 transport, 31-40
Bacteroides sp.
 siderophores, 39
 Basal metabolic rate, 325-26
 Benzo(a)pyrene
 carcinogenicity, 210
 Betaine
 production, 99

- Betaine aldehyde**
choline oxidation and, 102-3
- Betalaines**, 196-97
- Betainin**
cardiovascular effects, 197
- Bile acids**
biosynthesis and catabolism, 209
germfree animal metabolism, 269-69
taurine and, 404, 408
- Bixin**, 193
- Blindness**
vitamin A deficiency and, 352
- Blood pressure**
choline and, 111-12
sodium and, 74-75
see also Hypertension
- Body weight**
caloric equivalent of loss and gain, 326-27
- Bone abnormalities**
choline deficiency and, 96-97
- Boric acid**
pregnancy and, 290
- Brain**
taurine concentrations, 406-7
- C**
- Cadmium**
hypertension and, 379, 384-85
- Calcium**
cardiovascular disease and, 380
in water, 380-81
Calcium oxalate deposition in kidney
xylitol and, 459
- Caloric requirements**
physical activity and, 322
- Cancer**
dietary fat and, 270-71
nutrition and, 223-26
vitamin A and, 225
See also Carcinoma
- Canthaxanthin**
metabolism and toxicity, 194
- Caramel**, 197-98
- Carbohydrate**
athletic conditioning and, 333-39
loading, 338
- Carbon tetrachloride**
activation, 210
metabolism, 210
microsomal lipid peroxidation and, 214
- Carcinogenesis**, 210
See also specific carcinogenic substance
- Carcinoma**
colonic
intestinal bacteria and, 270-71
nitrosamines and, 208
vitamin A and, 218-29
See also Cancer
- Cardiovascular disease**
fluoride and, 432
standardized mortality rate, 392-96
water hardness and, 376-90
water quality and, 390-97
- Carminic acid**, 187-88
- β -Carotene**
epoxides, 359
metabolism and toxicity, 195
- Carotenemia**, 362-63
- β -apo-8'-Carotenoic acid**
metabolism and toxicity, 194-95
- Carotenoids**, 192-96, 351-67
absorption and utilization, 360-63
analysis in plasma and foods, 363-67
biosynthesis, 354-55
degradation, 355-58
pigments, 352
provitamin A compounds, 358-60
structures, 353
- Casein**
binding iron, 159
- Catechols**
microbial iron absorption and, 34-38
- Cats**
taurine deficiency and, 411-12
- Celiac disease**
heme iron absorption and, 140
- Central nervous system disease**
choline and, 110-11
taurine and, 416
- Cerebral hemorrhage**
water composition and, 376
- Cerruloplasmin**
exercise and, 341
- Chenodeoxycholic acid**
carcinogenicity, 271
- Chloramphenicol**
biotransformation in kwashiorkor, 216
- Chlorophyllin copper complex**, 200
- Chloroquine**
excretion in kwashiorkor, 216
- Cholecalciferol**
hydroxylation, 219-20
- Cholesterol**
biosynthesis and catabolism, 209
co-carcinogenicity, 223
germfree animal metabolism, 267-69
mixed-function oxidase system and, 214
- Cholic acid**
carcinogenicity, 271
- Choline**, 95-112
absorption, 98-99
acetylation, 103
base exchange reactions, 105
biochemistry, 102-5
blood lipids and, 112
central nervous system disease and, 110-11
dietary sources, 97
digestion and absorption, 99-101
hypertension and, 111-12
metabolism in fetus and neonate, 107-10
neonatal metabolic pathways, 109-10
nondietary sources, 101
as a nutrient, 96-97
organ uptake, 105-6
oxidation, 102-3
phosphorylation, 103
sources in utero, 107
xenobiotic hydroxylation and, 213
- Choline deficiency syndrome**, 97
- Choline dehydrogenase**, 102
- Choline kinase**, 103
- Chorismate**
enterobactin formation and, 35
- Chromium**
in water, 383
- Cirrhosis of liver**
choline deficiency and, 97
- Citrate**
microbial iron absorption and, 31-32
zinc complexes in human milk, 161
- Climate**
cardiovascular disease and, 385-86
- Colicin B**
E. coli enterobactin hyperexcretion and, 32
- Colonic carcinoma**
intestinal bacteria and, 270-71
- Congenital methemoglobinemia**
riboflavin and, 295
- Copper**
binding to milk components, 161-62

504 SUBJECT INDEX

- bioavailability in milk, 165-66
 concentration in milk during lactation, 154
 in infant formulas, 167
 maternal intake and concentration in breast milk, 157
 Coprogen, 39
 Corn
 as protein source, 265
 Corneal xerophthalmia
 vitamin A deficiency and, 352
 Coronary heart disease
 lithium and, 384
 water hardness and, 376-77
 Cortisone
 taurine conjugation of bile acids and, 408
 Coumarin
 oxidative metabolism
 vitamin C and, 217
 Crocin, 193
 Cross-country skiing
 energy requirements, 324
 Cultural determinism, 51-52
 Cultural ecology, 52
 Cultural history, 52
 Cultural nutrition, 47-62
 Curcumin, 198-200
 Cyanide
 choline dehydrogenase and, 102
 Cyanidin
 mutagenicity, 192
 Cyanine
 choline transport and, 106
Cyanobacteria sp.
 siderophores, 38
 Cyasin
 carcinogenicity, 271
 Cyclic AMP
 taurine and, 417
 Cycloheximide
 flavin incorporation into proteins and, 291
 Cystein
 iron absorption and, 132
 Cysteinesulfonic acid
 decarboxylase, 403-4
 Cytidine diphosphocholine
 choline synthesis and, 101
 Cytochrome P-450
 biosynthesis, 211
 dietary lipid and, 214
 iron and, 221
 phenobarbitone and, 217

 D
 Deferriferriochrome, 39
 Dehydrogenation
 flavoprotein-catalyzed, 303
 Delphinidin
 mutagenicity, 192
 Dental caries
 fluoride and, 428-31
 fructose and, 444-45
 sorbitol and, 449-50
 xylitol and, 461-63
 Diabetes mellitus
 carotenoid metabolism and, 362
 fructose and, 445-47
 tissue chromium levels and, 383
 xylitol and, 463-64
 Diarrhea
 sorbitol and, 448
 xylitol and, 457-59
 Diaries
 see Human diaries
 Digoxin, 409
 Dihydroferulic acid
 curcumin metabolite, 199
 Dimethylhydrazine
 co-carcinogenicity, 223
 Dimethylnitrosamines
 carcinogenicity, 215
 Diuresis
 mannitol and, 453
 xylitol and, 459
 Drugs
 detoxication and activation, 209-10
 sodium and, 75
 Drug toxicity
 malnutrition and, 215-17
 nutritional deficiencies and, 222-26
 vitamins and, 217-22

 E
 Egg
 iron absorption and, 132
 Enantio-ferrichrome
 fungal uptake, 33
 Endurance exercise
 energy requirements and, 323-24
 Energy balance, 235-51
 regulation, 238-45
 Enteric bacteria
 iron absorption and transport, 31-38
 Enterobactin
 metabolism, 34-35
 Environmentalism, 51
 Enzyme induction
 diet and, 211
 folate deficiency and, 221-22
 Epilepsy
 folate deficiency and, 221-22
 zinc and, 418-19
 Epinephrine
 taurine interactions, 418
 Erythorbic acid
 antipyrine plasma half-life and, 218
 Erythrocytes
 xylitol metabolism, 465
 Erythropoietic protoporphyria
 carotenoid skin deposition and, 362
 Erythrosine
 metabolism and toxicity, 184
Escherichia coli
 enterobactin hyperexcretion, 32
 enterobactin synthesis, 30-31
 ferrichrome transport, 32-33
 iron proteins, 38
 iron transport bypass, 37
 iron uptake, 29-30
 response to citrate, 31
 siderophore receptors, 31
 Evolution
 human dietary development and, 53-56
 Exercise
 energy requirements, 323-25
 starvation and, 332
 taurine content of heart muscle and, 409
 urinary nitrogen excretion and, 329
 Exochelins, 38

 F
 Fasting
 thyroid hormone metabolism and, 246
 Fat depletion, 238-39
 Fat deposition, 239-41
 Fatty acids
 athletic conditioning and, 332-33
 biosynthesis and catabolism, 209
 Fear
 in state of nature, 8-9
 Ferribactin, 38
 Ferric enterobactin
 structure, 30
 Ferrichrome
 E. coli transport, 32-33
 structure, 30
 Ferric orthophosphate
 bioavailability, 138-39
 Ferrirocroc, 39
 Ferritin
 iron stores and, 127
 Ferrous ascorbate
 iron absorption studies and, 126-28
 Fetus
 choline metabolism, 107-10

Fiber
iron absorption and, 131-32

Fish
iron absorption and, 131

Flavin adenine dinucleotide, 282-83, 290-94

Flavins
degradation products, 286
dehydrogenases, 301-5
naturally occurring, 282-86
one-electron transferases, 300-1
ribityl sidechain, 282-83
ring modifications, 283-86
structures, 282
uptake and excretion, 287-88

Flavoenzymes, 296-300

Flavokinase, 290-92

Flavones
mixed-function oxidase
induction and, 211

Flavoproteins, 281-306
dehydrogenase/oxygen
reductase enzymes,
305-6
nutritional status and,
294-96
reactions and mechanisms,
296-300

Fluoride
cardiovascular disease and,
432
dental caries and, 428-31
osteoporosis and, 431-32

Fluorine
in water, 384

5-Fluorouracil
diet and toxicity, 208

Folate
enzyme induction and,
221-22

Food colorants
aluminum lakes, 187
anthocyanins, 188-92
anthraquinones, 187-88
azo dyes, 180-82
betalaines, 196-97
caramel, 197-98
carotenoids, 192-96
curcumin, 198-200
indigoid dyes, 184-85
metabolic fate, 175-201
natural, 187-200
structures, 189
plant pigments, 200
polymeric dyes, 185-97
quinoline dyes, 185
synthetic, 176-87
structures, 179
triphenylmethane dyes,
182-83
xanthene dyes, 184
xanthophylls, 192-96

Food intake
energy balance regulation
and, 241-42

Food resources
world inventory, 12-15

Formylmethylflavin, 286

Free fatty acids
athletic conditioning and,
332-33

Fructose, 439-47
dental caries and, 444-45
diabetes mellitus and, 445-47
metabolism, 439-41

Functionalism, 52

Fungi
enantio-ferrichrome uptake,
33
siderophore synthesis, 39-40

Fusaria sp.
siderophores, 40

G

Gastric achlorhydria
non-heme iron absorption
and, 128

Gastric carcinoma
nitrosamines and, 208

Gastric emptying
nutrient absorption and,
343-44

Gastric intubation
fat deposition and, 239-40

Gentamicin
half-life in kwashiorkor, 216

Germfree animal, 257-73
cholesterol and bile acid
metabolism, 267-69
dietary effects on immune
mechanisms, 269-70
function and metabolism,
260-63
microflora, 264-67
model, 259-63
morphology, 259-60
nutritional studies and,
263-71
systemic requirements,
263-64

Glucose
taurine interactions, 417-18

Glucose-6-phosphate
dehydrogenase deficiency
xylitol and, 464

Glucose tolerance test
tissue chromium levels and,
383

Glucuronic acid
drug detoxication and, 210

Glutaric aciduria
riboflavin and, 295

Glutathione
drug detoxication and, 210

Glycerolphosphorylcholine
lysocleithin conversion, 100

Glycinamide hydrochloride
salt substitute, 83

Glycine
drug detoxication and, 210

Glycogen
depletion
protein utilization and,
331-32
liver, 335-36
storage, 333-34

Glycolysis
muscular contraction and,
336

Green Revolution, 2-3, 15

Growth rate factor
taurine and, 413-14

H

Heart
taurine concentrations,
409-10, 417

Hematopoiesis
choline deficiency and,
96-97

Heme iron
see Iron

Hemodialysis
choline removal from plasma
and, 106

Hemoglobin
exercise and, 341-42
regeneration rate
dietary iron absorption
and, 142-43

Hepatectomy
plasma choline concentration
and, 106

Hepatic disease
sorbitol utilization and, 451

Heptachlor
toxicity, 215

Hexobarbital
oxidative metabolism
vitamin C and, 217

High pressure liquid
chromatography
terpenoid analysis and, 365

Human dietaries
evolution and, 53-56
microsomal enzyme
induction and, 211
religion and, 56-60

Hunter-gatherers, 54-55

Hydrocortisone
CSAD activity and, 404

Hydroxamates
microbial iron absorption
and, 32-34

N-Hydroxylysine
biosynthesis, 33

Hyperglycemia
 endurance competition and,
 334-35
 taurine and, 317
Hyperphagia, 239
 thyroid hormone metabolism
 and 246
Hypersensitivity reactions
 synthetic food colorants and,
 196

Hypertension
 choline and, 96-97, 111-12
 potassium and, 88-89
 sodium and, 81-82, 382-83
 water hardness and, 376-77

Hypertriglyceridemia
 sucrose and, 446

Hyperuricemia
 fructose and, 440-41
 xylitol and, 459

Hyperuricosuria
 fructose and, 441

Hypoalbuminemia
 kwashiorkor and, 216-17

Hypothyroidism
 taurine concentration in
 brain and, 404

I

Ileostomy
 sodium absorption and, 79

Imidazoles
 pharmacologic effects,
 197-98

Immunoglobulin
 enterobactin-specific, 41
 riboflavin-binding, 289

Indigoid dyes, 184-85

Indoles
 mixed-function oxidase
 induction and, 211

Infant formulas, 166-67

Infection
 iron and, 41-42

Infertility
 choline deficiency and, 96-97

Insulin
 hypoglycemic hyperphagia
 and, 239
 taurine interactions, 417-18
 thermogenesis and, 244

Iodine
 in water, 384

Iron
 binding to milk components,
 159-60
 concentration in milk during
 lactation, 152-53
 drug toxicity and, 221
 heme
 labeling, 125
 in infant formulas, 166-67

infection and, 41-42
 maternal intake and
 concentration in breast
 milk, 156-57
 microbial metabolism and,
 28-29

microbial virulence and, 28
 sports anemia and, 340-43

Iron absorption
 enteric bacteria, 31-38
 microorganismal, 27-44
 nonenteric bacteria, 38-39
 regulatory mechanisms,
 40-41

Iron assimilation systems
 high affinity, 30-40
 low affinity, 29-30
 regulatory mechanisms,
 40-41

Iron bioavailability, 123-44
 ascorbic acid and, 130
 chemical balance technique
 and, 124
 disease states and, 128
 extrinsic tag method and,
 125-26
 fortification iron, 133-40
 heme, 140-41
 in meals from different
 countries, 132-37

in milk, 163-64
 non-heme, 126-40
 pool concept and, 129-30
 pregnancy and, 127
 in single foods, 128-29
 whole diet, 141-43

Iron deficiency anemia
 iron absorption and, 141-42
 neonatal
 iron supplementation and,
 160
 physical activity and, 340-41

Iron overload, 28

Ischemic heart disease
 myocardial magnesium
 concentrations and, 382

Isoniazid
 clearance in kwashiorkor,
 216
 pyridoxine deficiency and,
 226

Isoproterenol
 taurine content of heart
 muscle and, 409

K

Kermesic acid, 187-88

Kidney
 choline uptake, 105-6
 taurine excretion, 405

Kwashiorkor
 nutrition and, 216

L

Lactation
 milk trace element
 concentrations during,
 152-56

Lactobacilli
 iron requirements, 28

Lactoferrin
 bacteriostatic function, 166
 binding iron, 159
 iron absorption and, 163-64

Lactose
 malabsorption, 48

Lecithin
 biosynthesis pathways, 102
 blood lipids and, 112
 as choline source, 97-101
 mania and, 111
 neonatal synthesis, 109

Lipectomy, 238-39

Lipids
 blood
 choline or lecithin
 treatments and, 112
 colonic carcinoma and,
 223-24
 microsomal mixed-function
 oxidase and, 212-14

Lithium
 in water, 383-84

Liver
 choline uptake, 106
 drug detoxication and, 209
 glycogen, 335-36

Longevity
 energy turnover and, 327

Lumichrome, 286

Lumiflavin, 286

Lung cancer
 vitamin A and, 225

Lutein
 conversion to astaxanthin,
 354-55

Luxusconsumption, 242-43

Lycopene, 192-93

Lycopene, 362

Lysocleithin
 conversion to glycerylphos-
 phorylcholine, 100
 in human milk, 108

Lysophosphatidylethanolamine
 in human milk, 108

M

Magnesium
 cardiovascular disease and,
 381

in water, 381-82

Malnutrition, 60-62
 protein-calorie, 215-17

Manganese
 binding to milk components,
 162
 bioavailability in milk,
 165-66
 concentration in milk during
 lactation, 155-56
 in infant formulas, 167
 maternal intake and
 concentration in breast
 milk, 158

Mania
 physostigmine and, 111
 Mannitol, 452-53

Meat
 iron absorption and, 131

Megaloblastic anemia
 folate deficiency and, 221

Memory
 choline and, 110-11

Menkes' kinky hair disease
 human milk and, 161-62

Menstruation
 dietary iron bioavailability
 and, 142

Methemoglobinemia
 riboflavin and, 295

Methionine
 choline requirements and, 97

Methotrexate
 megaloblastic anemia and,
 221

Microbial metabolism
 iron and, 28-29

Microorganisms
 iron absorption and
 transport, 27-44

Milk
 human breast
 iron bioavailability and,
 128-29
 infant formulas, 166-67
 iron absorption and, 132
 trace elements, 150-68
 binding factors, 158-62
 bioavailability, 163-66
 concentrations during
 lactation, 152-56
 dietary influence on milk
 composition and,
 156-58

Minerals
 germfree animal
 requirements, 267

Mixed-function oxidases
 induction, 211
 lipids and, 212-14

Monoamine oxidase
 cheese effect, 295-96

Muscular contraction
 glycolysis and, 336

Mycobacteria sp.
 siderophores, 38

Mycobactin, 33, 38
Myelinization
 neonatal, 109
Myocardial infarction, 387

N

Naphthionic acid
 amaranth cleavage and, 181
Neisseriae sp.
 siderophores, 38-39

Neonate
 choline metabolism, 107-10

Neurospora crassa
 siderophores, 39

Neurospora mutants
 adsorbed ferric polymer
 dissolution, 29

Nitritolactate
E. coli iron uptake and,
 29-30

Nitrogen
 urinary excretion
 resistance exercise and,
 329

Nitrogenase complex
 iron and, 28

Nitrosamines
 gastric carcinoma and, 208

Nonenteric bacteria
 iron absorption and, 38-39

Norepinephrine
 diet-induced thermogenesis
 and, 245

Nutrient absorption
 gastric emptying and, 343-44

Nutrition
 atherosclerosis and, 226
 cancer and, 223-26
 toxicology and, 207-26
 Nutritional anthropology, 48
 Nutritional geography, 48

O

Obesity, 247-50

Oliguria
 xylitol and, 459

Oral contraceptives
 megaloblastic anemia and,
 221
 riboflavin deficiency and, 226

Osmotic diuresis
 mannitol and, 453

Osteomalacia
 anticonvulsant therapy and,
 219

Osteoporosis
 fluoride and, 431-32

Oxalate
 iron absorption and, 132

Oxidases

See Mixed-function oxidases;
 Monoamine oxidase

P

Parabactin
 structure, 34

Paracetamol
 activation, 210
 metabolism, 210
 microsomal lipid
 peroxidation and, 214

Paracoccus denitrificans
 spermidine-derived
 siderophores, 34

Parenteral nutrition
 sorbitol and, 450-51

Pellagra, 51

Penicillamine
 pyridoxine deficiency and,
 226

Penicillia
 siderophores, 40

Pentosuria
 xylitol and, 455

Periodontal disease
 fluoride and, 429

Phenacetin
 metabolism
 diet and, 211

Phenobarbital
 hepatic microsomal enzyme
 induction and, 214

Phenobarbitone
 cytochrome P-450 levels and,
 217

vitamin D turnover and, 219

Phenothiazines

pregnancy and, 290

Phenytoin
 vitamin D turnover and, 219

Phosphates
 iron absorption and, 131-32

Phosphatidylcholine, 96
 in human milk, 108

mixed-function oxidase
 system and, 212

Phosphatidylethanolamine
 in human milk, 108

**Phosphatidylethanolamine-
 N-methyltransferase**
 choline synthesis and, 101

Phosphatidylinositol
 in human milk, 108

Phosphatidylserine
 in human milk, 108

Phospholipase
 lecithin cleavage and, 100

Phospholipid biosynthesis
 choline and, 96

Phosphorylcholine
 cleavage, 100

508 SUBJECT INDEX

- Physostigmine
 - mania and, 111
- Phytates
 - iron absorption and, 131-32
- Pineal gland
 - taurine concentrations, 407
- Pituitary gland
 - taurine concentrations, 407
- Polymeric dyes, 185-87
- Potassium
 - daily ingestion, 85-87
 - hypertension and, 88-89
 - physiologic significance, 84-85
 - protective effects, 88-89
 - reciprocal function of
 - sodium, 88
- Potassium chloride
 - toxicity, 87-88
- Pregnancy
 - dietary iron bioavailability
 - and, 127
 - riboflavin and, 290
 - tissue chromium levels and, 383
- Premature ventricular
 - contractions
 - taurine and, 409
- Primates
 - taurine deficiency, 413
- Processed foods
 - sodium and, 70-71
- Prostaglandins
 - biosynthesis and catabolism, 209
- Protein
 - athletic conditioning and, 328-32
 - carcinogenicity, 224
 - germfree animal
 - requirements, 265
 - riboflavin association, 288-90
- Provitamin A compounds, 358-60
- Pseudobactin, 38
- Pyochelin, 38
- Pyoverdine, 38
- Pyrazines
 - pharmacologic effects, 197-98
- Pyridoxine
 - deficiency induction, 226
 - xylytol and, 452
- Q
- Quinine
 - choline transport and, 106
- Quinoline dyes, 185
- R
- Recommended dietary
 - allowances, 325-26
- Religion
 - human dietaries and, 56-60
- Renal disease
 - sorbitol utilization and, 451
- Renin-active hormone
 - taurine interactions, 418
- Resistance exercise
 - urinary nitrogen excretion
 - and, 329
- Respiratory distress syndrome
 - surfactant and, 109
- Resting metabolic rate, 325
- Retina
 - degeneration
 - taurine depletion and, 412
 - taurine concentrations, 407-8, 416-17
- Retinoic acid
 - growth-promoting activity, 360
- Rhodotorula pilimanae*
 - siderophores, 40
- Riboflavin, 200
 - association with binding
 - proteins, 288-90
 - coenzymatic conversion, 290-92
 - coenzymes, 282-83
 - deficiency induction, 226
 - derivatives, 283-86
 - metabolic disease and, 294-95
 - uptake and excretion, 287-88
 - xylytol and, 452
- Riboflavin 5'-phosphate, 282-83, 290-94
- Ribotide reductase
 - iron and, 28
- Rickets
 - anticonvulsant therapy and, 219
- Right of access to resources, 18-20
- Right to do whatever is
 - necessary, 21-25
- Right to survive, 15-17
- Roseoflavin, 283-86
- Running
 - energy requirements, 323
- S
- Safrole
 - mixed-function oxidase
 - induction and, 211
- Salicylamide
 - toxicity, 218
- Salicylate poisoning, 80
- Salicylhydroxamate, 39
- Salmonella typhimurium*
 - ferrichrome transport, 34
 - response to citrate, 31
- Sarcosine oxidase, 103
- Schizokinen, 38
- Scurvy, 51
- Selenium
 - tumorigenicity, 224
- Self-defense
 - in state of nature, 9-12, 21-25
- Self-interest
 - in state of nature, 8-9
- Siderophores, 30-40
 - citrate and, 31-32
 - colicin and, 32
 - enteric bacterial, 31-38
 - hydroxamates and, 32-34
 - nonenteric bacterial, 38-39
- Silicon
 - in water, 384
- Skeletal muscle
 - taurine concentrations, 409-10
- Smoking
 - vitamin B₁₂ plasma levels
 - and, 226
- Sodium
 - absorption, 79
 - daily ingestion, 70-79
 - in drinking water, 73-75
 - in drugs, 75
 - hypertension and, 81-82
 - intake control, 79-80
 - mutagenicity, 82-83
 - physiologic significance, 69-70
 - in processed foods, 70-71
 - reciprocal function of
 - potassium, 88
 - substitutes, 83-84
 - teratogenicity, 82-83
 - in water, 382-83
 - from water softeners, 75
- Sodium bicarbonate
 - brain damage and, 80
- Sodium chloride
 - toxicity, 80-82
- Sodium iron ethylenediamine-tetraacetate
 - as iron fortifier, 139
- Sorbitol, 447-52
 - dental caries and, 449-50
 - parenteral nutrition and, 450-51
 - vitamin-sparing action, 451-52
- Sphingomyelin
 - in human milk, 108
 - uptake, 100-1
- Sports anemia
 - iron and, 340-43
- Staphylococcus* sp.
 - siderophores, 39
- Starvation
 - exercise and, 332
- Sterilization, 5

- Steroid hormones
 biosynthesis and catabolism, 209
- Streptococcus faecalis*
 germfree chicken growth retardation and, 264-65
- Streptomyces davawensis*
 roseoflavin formation and, 286
- Stress
 taurine accumulation in heart muscle and, 409
- Succinate
 iron absorption and, 132
- Sucrose
 hypertriglyceridemia and, 446
- Sulfate
 drug detoxication and, 210
- Sunset yellow
 intestinal cleavage, 186
- Surfactant
 neonatal respiratory distress syndrome and, 109
- Sweat
 amino acid loss and, 331
- T
- Tannates
 iron absorption and, 131
- Tardive dyskinesia
 choline and, 110
- Tartrazine
 intestinal cleavage, 186
- Taurine, 401-20
 biliary physiology and, 415-16
 biosynthesis, 403-4
 chemistry, 402
 depletion, 411-15
 dietary requirements, 414-15
 function, 416-17
 hormonal interactions, 417-20
 metabolism, 404-10
 turnover, 410-11
- Tetraethylammonium
 choline transport and, 106
- Theophylline
 half-life
 diet and, 216
 metabolism
 diet and, 211
- Thermogenesis
 diet-induced, 245-47
- Thiamine
 sorbitol and, 451
- Thiazides
 potassium chloride and, 88
- Thromboxanes
 biosynthesis and catabolism, 209
- Thyroid hormones
 acetylcholine and, 111
 diet-induced thermogenesis and, 246-47
 taurine interactions, 418
- Thyroxine
 CSAD activity and, 404
- Toxicology
 nutrition and, 207-26
- Trace elements
 in milk, 150-68
- Transferrin
 binding iron, 159
- Triage
 nutritional, 4-5
- Trimethylamine
 production, 99
- Triphenylmethane dyes, 182-83
- Turmeric, 198-200
 pharmacologic effects, 199-200
- U
- Urticaria
 synthetic food colorants and, 196
- Ustilago sphaerogena*
 siderophores, 39
- V
- Vasopressin
 acetylcholine and, 111
- Vegetarianism, 58-59
 taurine depletion and, 414
- Vibrio* sp.
 siderophores, 39
- Vitamin A
 carcinogenicity and, 225-26
 deficiency, 352
 urinary taurine excretion and, 420
 drug toxicity and, 218-19
- Vitamin B₁₂
 xenobiotic hydroxylation and, 213
- Vitamin C
 carcinogenicity and, 224-25
 drug toxicity and, 217-18
- Vitamin D
 drug toxicity and, 219-20
- Vitamin E
 athletic conditioning and, 340
 microsomal lipid peroxidation and, 214
- Vitamins
 athletic conditioning and, 339-40
 drug toxicity and, 217-22
 germfree animal requirements, 265-66
- Vitamins B
 athletic conditioning and, 339-40
 drug toxicity and, 220-21
- W
- Walking
 energy requirements, 323
- Water hardness
 cardiovascular disease and, 376-90
- Weight training
 energy requirements, 323
- X
- Xanthene dyes, 184
- Xanthines
 mixed-function oxidase induction and, 211
- Xanthophylls, 192-96
- Xenobiotics, 209-10
 hydroxylation, 213
- Xylitol, 454-65
 carcinogenicity, 460-61
 dental caries and, 461-63
 diabetes mellitus and, 463-64
 metabolism, 455-57
 nutritional values, 454-55
 toxicity, 457-60
 vitamin-sparing action, 452
- Y
- Yersinia* sp.
 siderophores, 39
- Z
- Zeaxanthin
 epoxides, 358
- Zinc
 binding ligand, 161
 binding to milk components, 160-61
 bioavailability in milk, 164-65
 concentration in milk during lactation, 154-55
 in infant formulas, 167
 maternal intake and concentration in breast milk, 157-58
 taurine modulation of epileptic seizures and, 418-19
- Zinc citrate
 absorption, 165
- Zoxazolamine
 oxidative metabolism
 vitamin C and, 217